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Starke's

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U.S. Department of Agriculture

1912

Starke's SEEDS

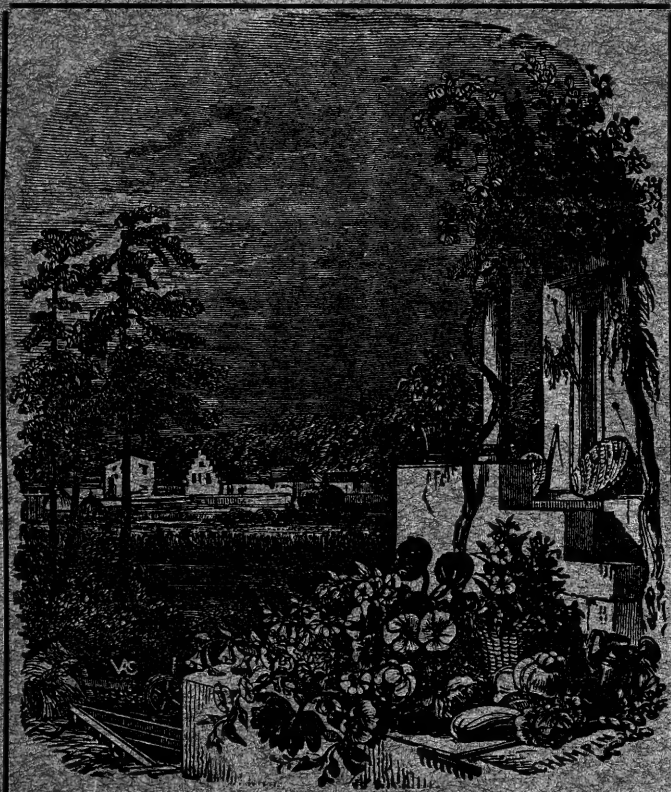
1912

FOR THE

FARM AND GARDEN

SPECIALLY SELECTED FOR SOUTH AFRICA.

❁
We
sell
good
SEEDS
that
will
grow.
❁



❁
You
reap
good
CROPS
that
will
pay.
❁

C. Starke & Co., Ltd., Mowbray,
Cape Province.

1912

AGRICULTURAL PARCEL POST

Applicable to South African products only.

TARIEF

Up to 14 lbs.	...	rd
Over 14 lbs. and not more than 3 lbs.	...	9d
Over 3 lbs. and not more than 6 lbs.	...	5d
Over 6 lbs. and not more than 9 lbs.	...	red
Over 9 lbs. and not more than 11 lbs.	...	

January, 1912.

C. STARKE & Co. Limited.

C. Starke & Co., Ltd., Mowbray, Cape

Special Notice.



When this Catalogue is printed many varieties herein quoted will not yet have arrived from oversea, others may have been sold out in the meantime and in some cases the prices fluctuate. Quotations are, therefore, without engagement, but in any case where the price is mentioned on the order, we will refer back for confirmation if an increased rate has to be charged.

GRASSES.



ITALIAN RYE GRASS.

Italian Rye Grass (*Lolium multiflorum* Lam. or *L. Italicum* A.Br.)—One of the most valuable of the Fodder Grasses. It is biennial, and therefore not favoured for permanent pastures, but as a fodder crop it probably has no equal. It likes moist rich land, yet will grow in a variety of soils and situations. This grass should not be overlooked in any District that is moist enough to make it successful. It has been found to do exceedingly well in many parts of the Western Province and no doubt in many other Districts it will be found equally valuable. It will give several cuttings a year under favourable conditions. Can be sown in Autumn or Spring according to rainfall. Sow 25/30 lbs per acre. Per lb 9d; 25 lbs at 6d; 100 lbs 37/6

Sutton's Giant Evergreen Italian Rye Grass.—An improved strain of the above. Per lb 1/-; 25 lbs at 10d; 100 lbs 60/-

Perennialized Italian Rye Grass.—A hybrid form obtained from Italian and Perennial Rye Grass, claimed to be a most robust grower surpassing both the latter in yield. Should be tried, as it promises to be of great value to this country. Per lb 1/6; 25 lbs at 1/3; 100 lbs 100/-

To avoid errors please use our printed order form.

C. Starke & Co., Ltd., Mowbray, Cape

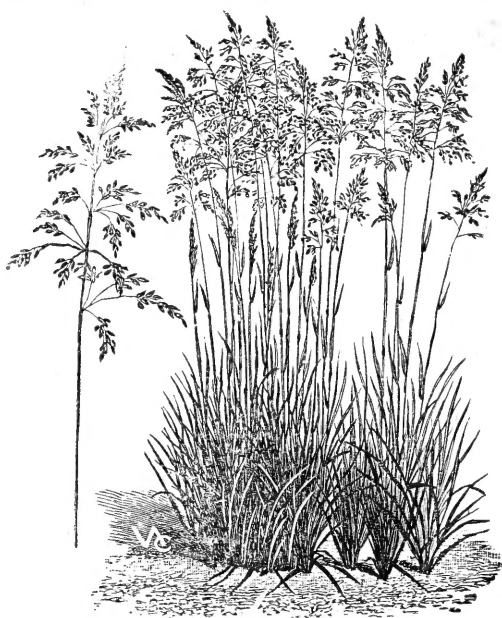
TEN HAVE'S WESTERN WOLTHS RYE GRASS.

(*Lolium Western Woldicum*).

This new grass was discovered in the County of Westerwolde in Holland, near the German frontier, growing on poor sandy soil. Its value was first demonstrated by a labourer who took measures to have it grown separate from other sorts. The agricultural world owes this humble man a debt of gratitude for the introduction of this valuable plant, and there is little doubt that if it had come into the possession of a more influential agriculturist it would, ere this, have been more widely known and cultivated.

In appearance the seed is very similar to Italian Ryegrass but Western Wolth's Grass is an annual plant, whereas, Italian Ryegrass may remain in the soil for two or three years. It far surpasses Italian in the rapidity of its growth and weight of herbage. On good soils when topdressed with nitrate of soda it may be cut several times during a single summer.

It will thrive on almost all soils but the best results have been got on heavy loam, clay, or land of a somewhat damp character. For one year's lay or pasture this Grass, when mixed with Red Clover, can be highly recommended. Many farmers in Holland are sowing it in proximity to their farm buildings, to provide a handy supply of green forage for their horses. On well manured land the produce of $\frac{1}{4}$ to $\frac{1}{3}$ of an acre, it is claimed, provides sufficient food for one cow during the summer months. Sow with the first rains, 30 lbs per acre. Per lb 1/-; 25 lbs at 9d; 100 lbs 55/-



KENTUCKY BLUE GRASS.

Smooth Stalked Meadow Grass or Kentucky Blue Grass

(*Poa pratensis* L.)—A perennial grass which succeeds in almost any soil and stands long continued dry weather. A most valuable pasture grass, but takes two or three years to become well established. It is, therefore, recommended for sowing with other grasses that mature more quickly. Sow with the first rains about 30 lbs per acre. Per lb 2/-; 25 lbs at 1/9; 100 lbs 150/-

Poverty Bay Perennial Rye Grass.—An exceedingly robust strain of Perennial Rye Grass, well adapted to this climate. Sow with the early rains 25/30 lbs per acre. Per lb 1/-; 25 lbs at 9d; 100 lbs 60/-

Devon Evergreen Rye Grass (*Lolium perenne* L.)—A valuable strain of Perennial Rye Grass. Per lb 9d; 25 lbs at 6d; 100 lbs 40/-

Paradys, Kroonstad East, O.F.S.

I was very well pleased with the last order you executed for me.

“Kudu” Seeds give the Highest Germination.

Agricultural Seedsmen.



PERENNIAL RYE GRASS.

Perennial Rye Grass (*Lolium perenne* L.)—

Succeeds well in moist Districts and cures into nutritious hay which, having a sweet flavour, is much relished by stock. An excellent grass for permanent pasture and should be far more extensively grown, especially in the Coastal Districts. Sow with the first rains, 25/30 lbs per acre. Per lb 9d; 25 lbs at 6d; 100 lbs 40/-

Meadow Fescue (*Festuca pratensis* L.)—

This perennial grass thrives on all soils, is excellent for permanent pasture, and is well liked by all kinds of stock. It makes splendid hay, the foliage being tender, succulent and highly nutritious. Sow 30 lbs per acre. Per lb 2/-; 25 lbs at 1/9; 100 lbs 160/-

Chewing's Fescue.—A variety largely grown in New Zealand. Per lb 1/6; 25 lbs at 1/3; 100 lbs 100/-

Red Fescue (*Festuca rubra* L.)—A creeping-rooted species, forming a close and lasting turf, and especially adapted for dry, sandy soils. It resists extreme drought, and thrives on very inferior soils. It is also valuable for shady places in lawns as well as for golf courses and for binding shifting sands on the seashore. Sow 30 lbs per acre. Per lb 1/9; 25 lbs at 1/6; 100 lbs 125/-

Tall Fescue or **Southey's Tussock Grass** (*Festuca elatior* L., sub-sp. *arundinacea* Syme).—This is undoubtedly the most popular of the Fescues in this country. It is a most robust grower and gives an immense amount of feed. It is suitable either for grazing or for hay. Although it delights in a moist situation, it will thrive under widely different conditions and can be regarded as a drought resister. An excellent grass for reclaiming overgrown and dirty vlei land where it will supplant the coarsest rubbish and provide excellent grazing where, otherwise, very little feed would be obtained. Does well in widely different localities covering practically the whole of South Africa. Admirably adapted for irrigation. Sow 25/30 lbs per acre. Best NEW ZEALAND SEED, per lb 1/6; 25 lbs at 1/3; 100 lbs 85/-.

RHENISH SEED, per lb 1/6; 25 lbs at 1/3; 100 lbs 120/-

Dist. Tarka, Cape.

I got a couple of months ago 100 lbs Tall Fescue seed from you. This I sowed in April and it has come up beautifully.

Fraserdale Fescue.—An exceedingly robust strain of Tall Fescue developed from selected plants. See photographs facing page 4. Per lb 1/9; 25 lbs at 1/6; 100 lbs at 1/3. Plants: 1,000 for 6/6; 5,000 at 5/6; 10,000 at 5/- per 1,000.

Sheep's Fescue (*Festuca ovina* L.)—This grass is extensively used in England for sheep pastures; in quality it is not equal to other cultivated Fescues, but it should always enter into the composition of pastures for sheep, as they are extremely fond of it, and the mutton produced is of the finest flavour. Sow 25/30 lbs per acre. Per lb 1/3; 25 lbs at 1/-; 100 lbs 85/-

Five per cent. can be deducted if cash is sent with the order.

C. Starke & Co., Ltd., Mowbray, Cape

Meadow Foxtail (*Alopecurus pratensis* L.)—One of the best permanent pasture grasses for rich, moist lands. Its chief characteristics are its extreme earliness and its faculty of standing high summer heats without burning. Although it prefers moist low grounds, it accepts drier situations, and makes an earlier spring verdure than any other variety. This variety is doing well in East Griqualand at an altitude of 4,000 feet. If sown with other grasses, 3 to 4 lbs to the acre; if sown alone, 25 lbs to the acre. Per lb 2/-; 25 lbs at 1/9; 100 lbs 175/-

Tall Oat Grass

(*Avena elatior* L.)—A most valuable perennial grass for pastures on account of its early and luxuriant growth. For hay it can be cut twice a year, and for green fodder, under favourable conditions, it can often be cut several times. It is very hardy and withstands extreme drought and heat and cold. It is extensively cultivated in the southern states of America for winter grazing and for hay. It will grow on almost any class of land and is especially adapted for rather dry, light soils. As the stems are not succulent, it can be quickly made into hay which keeps particularly well.

When sown in Autumn it produces a much heavier growth the following summer than from a spring sowing. Sow 30 lbs to the acre if sown alone.



TALL OAT GRASS.

Per lb 1/6; 25 lbs at 1/4; 100 lbs 120/-

Timothy

(*Phleum pratense* L.)—A most valuable perennial grass which is largely grown in America, where wonderful crops of hay are produced from it. The plant is fibrous-rooted, but in high and dry situations the roots become bulbous. Unlike many perennials, Timothy produces probably its best results in the first year after sowing. It is capable of enduring the extremes of heat and cold and we have had several reports of it doing remarkably well at as much as 4,000 feet above sea level. It is, consequently,

much appreciated in such parts as Griqualand East where many other varieties fail. Per lb 1/6; 25 lbs at 1/4; 100 lbs 120/-

Cheap seed is often dear at any price.



FRASERDALE FESCUE

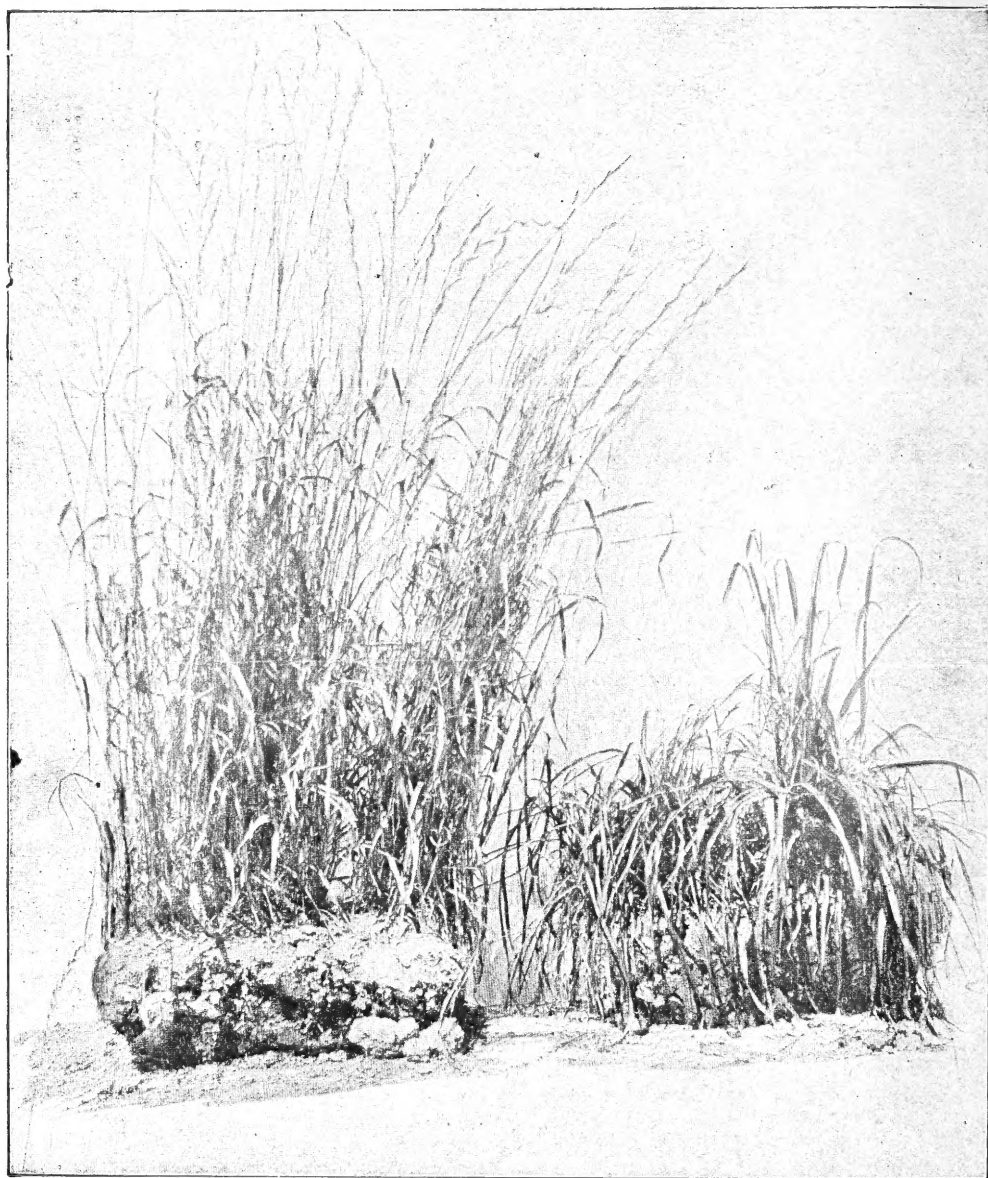
at Fraserdale Farm, Mowbray. Height from 5 ft. to 6 ft. 6 in.



The shorter growth on the left is from Rhenish seed, while the other is from transplants (both established 18 months) and shows clearly the more robust growth of the

FRASERDALE FESCUE

(Page 3)



TEN HAVE'S WESTERNWOLTHS RYEGRASS. -:- ITALIAN RYEGRASS.

The above are from seed sown on the same date.

(Page 2)

Agricultural Seedsmen.

Crested Dogtail (*Cynosurus cristatus* L.)—Highly recommended as a sheep grass, is rather dwarf in habit, giving it a stunted appearance. Also valuable for lawns as it forms a thick, dense turf. The roots penetrate deeply into the soil, thus enabling it to stand drought. We have had reports of this variety also doing well at high altitudes. If sown alone 25 lbs to the acre. Per lb 2/-; 25 lbs at 1/6; 100 lbs 110/-

Sweet Scented Vernal Grass (*Anthoxanthum odoratum* L.)—A perennial grass exceedingly hardy, and which continues to grow late in the autumn. Gives a good aftermath, therefore suitable for grazing as well as for hay. It is usually grown with other grasses, and is esteemed for the pleasant odour that it imparts to the hay crop. Sow 2 to 3 lbs per acre with other grasses. Per lb 3/6; 25 lbs at 3/-



COCKSFOOT.

Cocksfoot (*Dactylis glomerata* L.)—A very hardy and productive perennial, suitable for pasture and hay. If cut before flowering it is less hard and the pith of the stem is soft and sweet. Stock of all kinds are fond of it, either dry or green, and it stands constant cropping particularly well. It can stand considerable shade. Sow 25 lbs per acre if sown alone. Per lb 1/6; 25 lbs at 1/3; 100 lbs 100/-

Paspalum Dilatatum Poir.—This grass is now so well known all over South Africa that it needs very little mention from us. It is certainly one of the most valuable introductions yet made. Likes a moist situation, but will live through a very severe drought and restart with its usual vigour when more favourable times come. The seed requires three or four weeks of warm, moist conditions to germinate, but will lie underground during unfavourable weather if sown at the wrong time, and germinate when the conditions are to its liking. Sow in the spring at the rate of 5/8 lbs of seed per acre. Plants can be set out at any time when the soil is moist enough, but autumn or very early

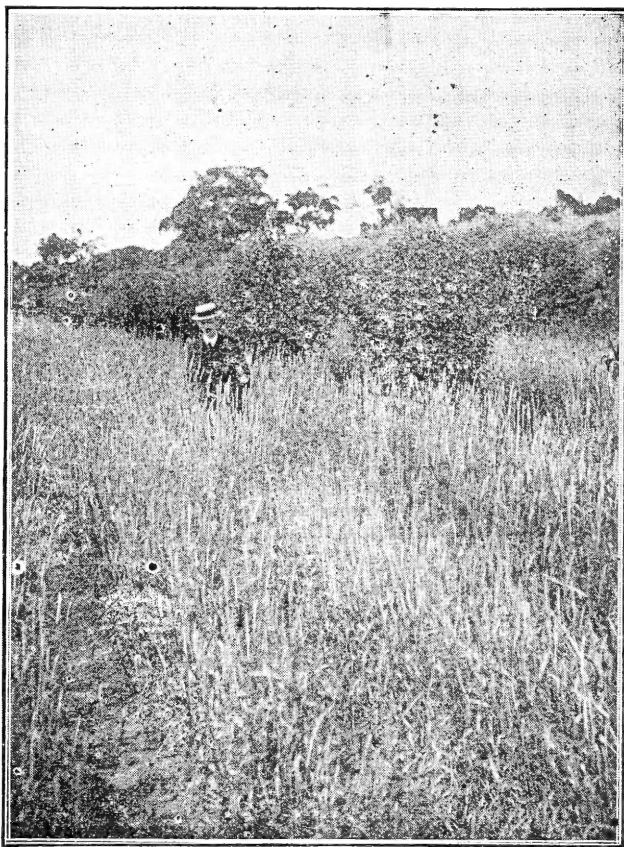
spring is probably best where there is a winter rainfall followed by dry summer. Per lb 1/6; 25 lbs at 1/3; 100 lbs 100/- Plants, 1,000 for 6/6; 2,000 at 6/-; 5,000 at 5/6; 10,000 at 5/- per 1,000.

Paspalum Virgatum L.—Recommended as a drought resister, for poor, dry lands. Has not yet been very extensively tried in this country. Per oz 1/-; 1/4 lb 2/6; 1 lb 7/6

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C. Starke & Co., Ltd., Mowbray, Cape

Canary Grass (*Phalaris canariensis* L.)—The common bird seed.
Per lb 6d; 25 lbs 6/-; 100 lbs 22/6



PHALARIS BULBOSA.

hardy and frost resistant, making a great deal of growth in the winter, with a consequent very early spring crop. These features make it exceptionally valuable to the districts with a summer rainfall because a crop can be obtained quicker after the first rains than from other grasses while, with irrigation, a great deal of winter feed can be counted upon. Seed may be sown broadcast or in a carefully prepared bed or drills, so as to raise as many plants as possible. As soon as the plants are strong enough they can be transplanted, and will quickly produce offshoots, which can be divided, so that an enormous number of plants can be raised from an ounce of seed in one season. Plant 2 feet apart each way. Trial packet 6d; per oz 1/-; $\frac{1}{4}$ lb 2/-; $\frac{1}{2}$ lb 3/6; 1 lb 6/-

A client at Somerset West writes *re* Phalaris bulbosa: I have one acre which has been constantly grazed by 40 large pigs since March last and they have not been able to keep it down, so great has been the growth, and have lately put 6 cows on to help use it up.

A Dordrecht client writes: Mr. — informs me he got a small quantity of Phalaris bulbosa from you last season. I saw the grass growing to-day and it is very satisfactory.

Phalaris Bulbosa L. or **Too-woomba** **Canary Grass** (Formerly known as *P. commutata*).—This valuable perennial grass is now engaging a great deal of attention all over South Africa and reports to hand during the past year indicate an ever increasing popularity. Since its first introduction the price of the seed has been brought down from fabulous prices to a very reasonable figure and instead of importing the seed from Australia, it has actually been exported to that country. *Phalaris bulbosa* is reported to be doing well in such widely scattered localities as the Western Districts of this Province, in Natal and British Bechuanaland. It is

Five per cent. can be deducted if cash is sent with the order.

Agricultural Seedsmen.

Natal Red Top Grass (*Tricholaena rosea* Nees.)—This is a heavy cropping grass, making splendid hay and growing to a good height. It stands drought well, but dies down during frosty weather, growing again strongly in the spring and summer. Seed germinates freely, and the grass is not easily killed by other pasture grasses. Sow in the spring at the rate of 2 to 3 lbs per acre mixed with other grasses; 12 lbs if sown alone. Per oz 9d; $\frac{1}{4}$ lb 2/-; per lb 6/-; 10 lbs at 5/- per lb.



RESCUE GRASS.

Height 3 to 4 feet. It furnishes a good crop of hay with a quick aftergrowth which makes excellent grazing. Sow 30 lbs per acre. Per lb 1/6; 25 lbs at 1/-; 100 lbs 85/-

The Rescue, too, is a great success. We cannot grow barley here for winter purposes on account of the heavy frosts. Now I am cutting Rescue which is absolutely not touched by the winter.

Paardekraal, Beaufort West

PAUL NEL.

Rescue Grass or Prairie Grass (*Bromus unioloides* H.B.K. Syn. *Bromus Willdenowii* Kth.)

—This excellent variety is very widely distributed in South Africa and thrives so generally well that it should be brought under cultivation to a much greater extent than at present. It is a winter grower, continuing right into the summer, and will give successive cuttings, stands drought and cold well and is relished by all kinds of stock. Sow 30 lbs to the acre. Per lb 1/3; 25 lbs at 1/-; 100 lbs 65/-

**Hungarian Forage
Grass or Awnless Brome
Grass** (*Bromus inermis* Leyss.)—A tall perennial grass much favoured in the Southern States of America where it is considered one of the best drought resisters.

Mammoth Winter Rye (*Secale cereale* L.)—We are listing this variety here as well as under cereals in order to draw special attention to its value as a pasture grass for autumn sowing. It should be periodically grazed and not allowed to joint, otherwise the quality and productiveness of the pasture is greatly reduced. Sheep are most suitable for grazing rye and the crop will be found most useful on land that requires cleaning, as it can be followed by Sorghum or Millet in the late spring. Per lb 6d; 25 lbs at 4d; 100 lbs 27/6

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C. Starke & Co., Ltd., Mowbray, Cape

Rapoko (*Eleusine coracana* Gaertn.)—Grows well in the late summer, standing great heat; well worth trying. Per lb 6d; 25 lbs at 5d; 100 lbs price on application.

Mitchell Grass (*Astrebla triticoides* F.v.V.)—Gives a large amount of rich, succulent herbage under good cultivation. Stock are said to fatten on its dry broken stems and leaves. Per oz 1/-; per lb 10/-

Guinea Grass (*Panicum maximum* Jacq.)—An excellent forage grass, suited to moist land; produces heavy crops of most nutritious grass. Should be cut when young and tender. Per oz 6d; $\frac{1}{4}$ lb 1/6; per lb 4/6

Panicum frumentaceum giganteum.—An annual grass, growing very quickly, about 6 feet high and producing an enormous amount of green fodder. Per lb 2/-; 25 lbs at 1/6; 100 lbs at 1/3

Teff Grass (*Eragrostis Abyssinica* Link.)—An excellent grass for hay, does well in Transvaal and Natal, and is now being extensively tried in this Province. Per lb 1/-; 25 lbs at 9d; 100 lbs 60/-

Blaauwzaad (*Eragrostis curvula* Nees.)—An excellent grass for the "sour veldt" districts. Grows to a height of three or four feet and will give successive cuttings which make good hay. Also well adapted for grazing. Plants only. 1,000 for 10/-; 5,000 at 8/6; 10,000 at 7/6 per 1000.

Rhodes Grass (*Chloris gayana* Kunth.)—Recommended as a drought resister. This grass is of South African origin, but appears to have met with much greater appreciation in Australia than here; it is described there as an excellent grass for hay, great drought resister and rapid grower. Per oz 9d; $\frac{1}{4}$ lb 2/-; per lb 6/-; 10 lbs at 5/-

Wallaby Grass (*Danthonia semiannularis* R.Br.)—Not yet known here, but now being introduced for experimental purposes. Recommended to be cut or grazed when young. Per oz 6d; per lb 3/6

Quick or Bermuda Grass (*Cynodon dactylon* Pers.)—Of dwarf habit, with long, creeping stems rooting at the joints, and covering the ground with a matting of fine turf, which no amount of trampling will impair. It is useful for binding drifting sand and for steep embankments subject to wash. When established, it is difficult to eradicate, and therefore unsuitable for temporary pastures, but for permanent pasture in dry situations, and for lawns, it is of considerable value. It thrives on the poorest and sandiest soil, but requires heat and moisture to start it. Sow 15 lbs per acre. Per oz 6d; per lb 5/-; 10 lbs at 4/-; larger quantities price on application.

Marram or Beach Grass (*Ammophila arundinacea* Host.)—Valuable on the sandy seashore, canal and railway banks, etc. Its strong, creeping, matting roots bind the drifting sand into natural embankments against the action of wind and waves. This grass is usually propagated by transplanting in the fall. Where it is necessary to use seed, it should be sown in spring, and ground covered with brush to hold the seed in place until it has taken firm hold. Per oz 6d; per lb 5/-; 10 lbs at 4/-

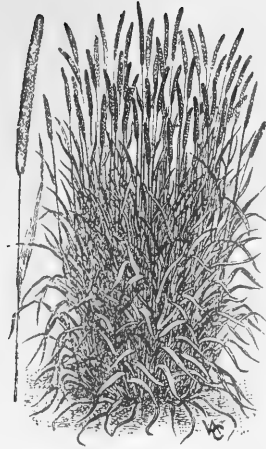
We often receive letters with incomplete addresses to which it is obviously impossible to reply. We desire, therefore, to remind our correspondents of the need of always stating clearly the Post Office to which replies should be directed and the State in which it is situated, e.g., Cape, Transvaal, etc.



Meadow Fescue

Festuca pratensis L.

(Page 3)



Timothy

Phleum pratense L.

(Page 4)



Tall Fescue or Southey's Tussock Grass

Festuca elatior L., sub-sp. *arundinacea* Syme

(Page 3)



Japanese Climbing Cucumber

(Page 55)



Wood's Prolific Bush Lima Beans

(Page 51)

Agricultural Seedsmen.

Grass Mixtures for Pastures.

In this Country of varied conditions it is obviously impossible to offer Pasture Mixtures that will suit all purposes, but the following will probably be found most useful and as the prescriptions are given in detail it will be possible for growers to judge whether any of these will meet their requirements.

We shall be pleased to vary the above prescriptions to suit special needs and in such case the price will necessarily vary also. A fair guide as to the difference in price can be obtained by comparing the value, as stated in other parts of this Catalogue, of the varieties added with that of the varieties deleted.

These mixtures can be supplied in quantities of 20 lbs or any multiple of 20 lbs, *i.e.*, 20, 40, 60, 80, 100, and so on. Odd weights between these figures would entail too much labour by way of fresh calculation of the quantities, *etc.*, and can not be supplied at the same prices.

For Districts with a Winter Rainfall.

No. 1 for Dry Situations.

- 6 lbs Perennial Rye Grass
- 6 lbs Western Wolths Grass
- 6 lbs Timothy
- 3 lbs Tall Oat Grass
- 2 lbs Red Fescue
- 4 lbs Tall Fescue
- 3 lbs Bromus inermis
- 3 lbs Common Sainfoin
- 4 lbs Rescue Grass
- 1 lb Perennial Red Clover
- 1 lb Giant White Clover
- 1 lb Sheep's Burnet

40 lbs for one acre.

No. 2 for Wet Situations.

- 10 lbs Perennial Rye Grass
- 10 lbs Western Wolths Grass
- 6 lbs Timothy
- 2 lbs Tall Fescue
- 3 lbs Meadow Fescue
- 2 lbs Sheep's Fescue
- 2 lbs Cocksfoot
- $\frac{1}{8}$ lb Phalaris bulbosa
- $1\frac{7}{8}$ lb Alsike Clover
- 1 lb Dwarf White Clover
- $1\frac{1}{2}$ lb Paspalum dilatatum
- $\frac{1}{2}$ lb Broad Red Clover

40 lbs for one acre.

Price:—25/- for 20 lbs ; 45/- for 40 lbs ; 100 lbs at 1/- per lb.

For Districts with a Summer Rainfall.

No. 3 for Dry Situations.

- 6 lbs Western Wolths Grass
- 3 lbs Kentucky Blue Grass
- $8\frac{1}{2}$ lbs Timothy
- 3 lbs Tall Oat Grass
- 2 lbs Red Fescue
- 2 lbs Tall Fescue
- 5 lbs Bromus inermis
- $\frac{1}{2}$ lb Crested Dogstail
- 1 lb Common Sainfoin
- 5 lbs Rescue Grass
- 1 lb Perennial Red Clover
- 1 lb Giant White Clover
- 2 lbs Sheep's Burnet

40 lbs for one acre.

No. 4 for Wet Situations.

- 10 lbs Perennial Rye Grass
- 10 lbs Western Wolths Grass
- 6 lbs Timothy
- 3 lbs Meadow Fescue
- 2 lbs Tall Fescue
- 2 lbs Rescue Grass
- 1 lb Crested Dogstail
- 2 lbs Cocksfoot
- $\frac{1}{8}$ lb Phalaris bulbosa
- 1 lb Dwarf White Clover
- 2 lbs Paspalum dilatatum
- $\frac{7}{8}$ lb Perennial Red Clover

40 lbs for one acre.

Price:—25/- for 20 lbs ; 45/- for 40 lbs ; 100 lbs at 1/- per lb.

C. Starke & Co., Ltd., Mowbray, Cape

SPECIAL HIGHVELD PASTURE MIXTURE.

10 lbs Tall Fescue	2 lbs Tall Oat Grass
3 lbs Sheep's Burnet	2 lbs Awnless Brome Grass
2 lbs Italian Rye Grass	1 lb Sheep's Parsley
2 lbs Perennial Rye Grass	2 lbs Arabian Lucerne
2 lbs Cocksfoot	1 lb White Clover
2 lbs Rescue Grass	1 lb Phalaris Bulbosa

30 lbs for one acre

Price:—20/- for 15 lbs; 37/6 for 30 lbs; 70/- for 60 lbs;
150 lbs (for 5 acres) 165/-

Lawn Grass Seed Mixture.

A good and reliable Lawn Mixture is a necessity for good results whether with new lawns or in the renovation of old lawns that require reseed-ing. Our **Kudulawn** Mixture contains only the choicest seeds of the varieties most suited for this purpose and we have every confidence in recommending same to our clients as the very best and most suitable mixture for the peculiar conditions of this country.

Starke's Kudulawn Mixture.—Per lb 2/6; 5 lbs at 2/3; 10 lbs and upwards at 2/- per lb.

LUCERNE,

THE KING OF FODDER PLANTS.

Lucerne is without doubt the most important Fodder Plant adapted to South African conditions, and as it is now so universally grown it needs very little mention from us. The South Western Districts are generally recognised to be the home of Lucerne in this country, but there are few districts that will not grow it with more or less excellent results. In the Western Province and many other parts it succeeds without irrigation and is consequently profitable, even on a smaller yield. When grown in this way, it is essential that the soil should be well and deeply ploughed or delved, and the seed should be sown in rows, 18 to 24 inches apart, so that it can be cultivated throughout the summer in order to conserve the moisture. Sow 8 to 10 lbs per acre in rows, according to width apart, and 20 lbs per acre broadcast. We regularly stock the very best seed of the following strains and varieties. The seed is examined for Dodder before shipment and we refuse samples that cannot show a clean certificate in this respect.

Provence (French) Lucerne (*Medicago sativa* L.)—This strain is probably the most popular. It gives the finest quality fodder. Genuine Provence seed, per lb 1/3; 25 lbs at 1/-; 100 lbs 90/-

Turkestan Lucerne (*Medicago sativa* L.)—This is a hardy strain which gives excellent results in many parts of this Province. Said to be more drought resisting than other strains. Genuine Turkestan grown seed, 1/3 per lb; 25 lbs at 1/-; 100 lbs 90/-

Leguminous Plants are Soil Renovators.

Agricultural Seedsmen.

Arabian Lucerne.—This variety (first introduced by us in 1910) has now assumed an important position among Lucerne growers and wherever tried it is being used on an ever increasing scale. It is an extremely hardy sort and makes considerable growth during the cold weather when other varieties are practically dormant. In the early stages its growth is phenomenal. It is easily distinguished from other varieties by the characteristic hairiness of the stems and under parts of the leaves. A grower on the Fish River writes as follows regarding its merits:—

“I am very pleased with the result of the sowing (Arabian Lucerne), it is very clean and has given a much stronger and better growth than the Provence sown at the same time, in fact when young like now it will almost give two cuttings to one, and it is not so easily hurt by caterpillars. Many neighbours who have seen it have decided to order and sow next year. The only question is the quality of the feed, it gives a ranker growth covered with fine hairs . . . but should its feeding qualities be as good as its growing it will be invaluable.”

Many others have also testified to its good qualities and the demand for this variety which has arisen in consequence is quite phenomenal, almost rivalling that for the well-known Provence seed. One of the greatest merits of this variety lies in it being almost entirely free from weed seeds of any kind. It is entirely free from Rib Grass—a point of very great importance in many districts and one which can seldom be claimed for any other variety. The seed we offer has been thoroughly re-cleaned on arrival here by the most up-to-date methods and will be found to germinate remarkably well. Per lb 2/-; 25 lbs at 1/9; 100 lbs at 1/6 per lb

Birds River.

The seeds you sent me to plant and report on are excellent, now I want you please to send me 100 lbs of your best Lucerne Seed, also 100 lbs Cocksfoot.

Alexandersfontein, near Kimberley.

I am exceedingly pleased with the way the seed (Arabian Lucerne) came up.

Tamworth or Hunter River Lucerne (*Medicago sativa* L.)—An exceedingly hardy and robust strain. We offer the genuine seed at 2/3 per lb; 25 lbs at 2/-; 100 lbs and upwards, price on application.

Cape Lucerne.—We always carry a stock of the very finest Cape grown seed which we have carefully re-cleaned and offer at per lb 1/3; 25 lbs at 1/-; 100 lbs at 90/-

Argentine Lucerne.—We have a small supply of Argentine seed, re-cleaned here, for experimentation beside other varieties. Per lb 1/3; 25 lbs at 1/-; 100 lbs 90/-

Medicago media Pers.—We have a patch that is doing very well indeed. Treat exactly the same as *Medicago sativa*. Be sure you get the genuine seed. Per lb 2/-; 25 lbs at 1/9; 100 lbs 160/-

Medicago arborea L.—This is the true Tree Lucerne, and must not be confounded with Tagasaste (*Cytisus proliferus*), the so-called Tree Lucerne. *Medicago arborea* is suited to warm districts, and resists even the greatest drought. The plant is covered with Lucerne-like leaves and is said to grow to a height of 6 or 8 feet and thrive well in any soil. Per lb 2/-; 25 lbs at 1/9; 100 lbs 155/- The seed is in the pod.

Five per cent. can be deducted if cash is sent with the order.

C. Starke & Co., Ltd., Mowbray, Cape

CLOVERS and Kindred Plants.

Broad Red Clover (*Trifolium pratense* L.)—Thrives well on almost any soil, unless too dry, but does best on a somewhat heavy loam containing a fair proportion of lime. Sow about 15 lbs per acre. Per lb 1/6; 25 lbs at 1/3; 100 lbs 100/-

Giant Cow Grass or **Perennial Red Clover** (*Trifolium pratense perenne* L.)—The perennial form of the above, preferable to the Broad Red for cutting, will give heavy returns under good cultivation. Sow about 15 lbs per acre. Per lb 1/6; 25 lbs at 1/3; 100 lbs 110/-

Dwarf White Clover (*Trifolium repens* L.)—Of dwarf habit; the stems creeping and rooting at the joints. Spreads rapidly and is very hardy. Valuable in permanent pastures as it is sweet and nutritious. Also valuable in lawn mixtures. Sow 10 to 12 lbs per acre. Per lb 2/-; 25 lbs at 1/9; 100 lbs 165/-

Giant White Clover (*Trifolium repens* L.)—A taller form of the above. Sow 10 to 12 lbs per acre. Per lb 2/-; 25 lbs at 1/9; 100 lbs 165/-

Crimson Clover (*Trifolium incarnatum* L.)—An erect annual species from 1 to 2 feet high. Recommended for the warmer districts as it will not stand much frost. Useful both as a green crop and as an enricher of the soil, and for the latter purpose is often used in American orchards, among trees in bearing, being turned in annually to feed the trees. Sow 15 lbs per acre. Per lb 1/-; 25 lbs at 9d; 100 lbs 60/-

Alsike Clover (*Trifolium hybridum* L.)—A true perennial, but not very permanent on some light soils. Well adapted to wet soils and is most productive in a wet season. Endures heat and cold and is more suitable for irrigation than other varieties. Per lb 1/6; 25 lbs at 1/3; 100 lbs 110/-

Egyptian or **Alexandrian Clover** (*Trifolium Alexandrinum* L.)—Recommended for the warmer districts. Should be sown in the early autumn for preference. Said to be excellent on irrigated lands. Succulent and much relished by stock. Per lb 2/-; 25 lbs at 1/9; 100 lbs at 1/6 per lb.

Japanese Clover (*Lespedeza striata* Hook and Arn.)—A low growing annual, but growing as high as 16 or 18 inches in good soil. Useful as a pasture grass and also for hay in warm districts and will stand considerable drought. In the Gulf States of America it is grown with no little success and, being a legume, is beneficial to the soil. Per lb 2/6; 25 lbs at 2/- per lb; 100 lbs at 1/9

Strawberry Clover (*Trifolium fragiferum* L.)—A very valuable variety for damp lands, producing immense quantities of fattening herbage. Greatly relished by stock. It is quite distinct in appearance to all other varieties, being of a trailing habit. Very rapid grower. Sow 2 to 3 lbs per acre. Seed in husk, per oz 9d: 1/4 lb 2/3; per lb 7/6

Order your Seeds while waiting for rain.

Agricultural Seedsmen.

Burrless Trefoil (*Medicago obicularis* All.)—This plant is largely grown in New South Wales, and produces a large amount of herbage in good seasons. Sheep are very fond of it. Per lb 2/-; 25 lbs at 1/9

Birdsfoot Trefoil (*Lotus corniculatus* L.)—A deep-rooting perennial herb, recommended for poor light soils, on which it will give a heavier growth than possibly any other variety of clover. Sow 10/12 lbs per acre. Per lb 2/6; 10 lbs at 2/3 per lb; 25 lbs at 2/-

Burr Clover (*Medicago denticulata* Willd.)—An annual, making good winter grazing on suitable soils. Sow in autumn, 15 lbs per acre. Per lb 3/-; 10 lbs at 2/6; 25 lbs at 2/3 per lb.

Yellow Melilot (*Melilotus officinalis* Lam.)—Probably the same variety as our "Stink Klaver." Excellent for poor soil. It is a strong grower and if cut before it becomes too coarse, makes good hay. The plant re-seeds itself readily and will probably be found useful in the natural pastures. This is an excellent plant for the Poultry Breeder to sow on the ground on which chickens have to be raised. They will live under it, when in seed, and find no small portion of their feed there, as they are very fond of the seeds. Sow in August, 12 to 15 lbs per acre. Australian growers recommend scalding the seed before sowing. Per lb 1/3; 25 lbs at 1/-; 100 lbs at 9d per lb.

Tagasaste (*Cytisus proliferus* L.)—The so-called Tree Lucerne. A valuable fodder plant for rough and rocky ground, where other crops cannot be cultivated to advantage. Also suitable to cultivate as a hedge, if the stock can be kept from it. Sow the seeds in a seed bed, after soaking in boiling water, and transplant the seedlings to the permanent position, in a double row, when strong enough. They should be allowed to grow naturally for 2 or 3

years, then cut to a height of about 3 ft., after which the succulent young shoots can be regularly harvested. Per oz 6d; $\frac{1}{4}$ lb 1/-; per lb 3/-; 5 lbs and upwards at 2/6 per lb.



SERRADELLA.

Lucerne is not yielding much return. We strongly recommend this for trial and are convinced that it will prove one of our most valuable fodder plants. Treat similarly to lucerne. Per lb 2/-; 100 lbs 180/- (milled seed).

Serradella (*Ornithopus sativus* Brot.)—A slender annual, about 12 to 18 inches high; valuable for poor sandy soil. Sow 30/40 lbs per acre. Per lb 1/-; 25 lbs at 9d; 100 lbs 50/-

Spanish Sulla (*Hedysarum coronarium* L.)—This valuable fodder plant is becoming exceedingly popular as it has been found to do remarkably well in a variety of situations ranging from the Western to the Eastern Province. It is an Autumn and early Spring grower, thus filling the gap when

"Kudu" Seeds are the Seeds that grow.

C. Starke & Co., Ltd., Mowbray, Cape

African Sulla.—Per lb 1/6; 25 lbs at 1/- (seed in husk).

Common Sainfoin (*Onobrychis sativa* Lam.)—A perennial plant much grown on chalky soils in England. Does well here on suitable light lands. Sow 20 lbs per acre. Per lb 1/3; 25 lbs for 27/6; 50 lbs for 50/-; 100 lbs 90/-

Giant Sainfoin (*Onobrychis sativa* Lam.)—A more vigorous grower but not so lasting as the above. Gives two or more cuts per annum, whereas the Common Sainfoin gives but one. In both cases the subsequent leafy growth provides excellent grazing, particularly suitable for sheep. Price, etc., same as Common Sainfoin.

Field Peas.

(*Pisum arvense* L.)



FIELD PEAS.

flavoured. Height 30—36 inches. Pods of medium size, often two on a single stalk. Early and most prolific. An excellent variety for farm use. Per lb 8d; 25 lbs at 6d; 100 lbs 35/- (Swedish grown seed).

A client in the Drakenstein writes:—"Concordia" takes my fancy. They are now waves of green and white and showing an enormous crop.

Partridge Field Pea or Maple Pea.—A prolific variety, the grain of which is in good demand for feeding Homing Pigeons. Should be cultivated on a considerable scale in the districts suitable for this crop, as we are annually importing hundreds of sacks that might be grown in the country. Per lb 6d; 25 lbs for 5/-; 100 lbs 17/6

White Field Pea.—A well known and productive variety which can be recommended as a paying cropper. Per lb 6d; 25 lbs 4/6; 100 lbs 16/-

Small Green Field Pea.—A favourite variety in the grain growing districts where it is sown for culinary purposes. Per lb 6d; 25 lbs for 5/-; 100 lbs 17/6

"Concordia" Pea.—A Swedish variety; a first-rate pea for the table, bearing a seed large, somewhat flattened, blue-green, thin-skinned, easy to cook and nice

Good Seed is Cheap at a Good Price.

Agricultural Seedsmen.

“Capital” Pea.—Also a Swedish variety; an excellent pea for the kitchen, thin-skinned, very easy to cook and nice-flavoured. The seed is of medium size, yellow, often tinged with green; but the soup made with it is always of a pure yellow colour. The stem is of medium strength, about 3 feet high. Early and prolific, but for the development of its good qualities requires soil in good condition and not too dry; and in normal years may be grown with advantage on any land, however fertile. An excellent variety for farm use. Per lb 8d; 25 lbs at 6d; 100 lbs 35/- (Swedish grown seed).

Beans for Field Crops.

Scotch Horse Bean (*Vicia faba* L.)—A very hardy, fairly prolific variety, growing about 4 feet high. The seeds are an excellent food for all kinds of stock, furnishing a very high percentage of proteids. Per lb 6d; 25 lbs at 3d; 100 lbs 22/6

Tick Bean or English Horse Bean (*Vicia faba* L.)—Very prolific and probably better suited to a warm climate than the Scotch Horse Bean. It will grow on a somewhat lighter soil than is necessary for a good crop of the Scotch variety. The seeds are equally useful as stock food and are also in good demand for Homing Pigeons, but must not be too large for that purpose. Per lb 6d; 25 lbs at 3d; 100 lbs 20/-

Velvet Bean (*Mucuna utilis* Wall.)—Used as a forage plant, and as a fertilizer plant for turning under. Stock readily eat the vine and leaves, and the Beans, when ground with or without the pod, are used as a stock food. Plant in rows 4 feet apart and 1 foot in the row, 2 or 3 beans in a place, as soon as danger of frost is past. Per lb 9d; 25 lbs at 6d; 100 lbs 45/-

Carob Bean (*Ceratonia siliqua* Linne.)—The Carob or Locust-Tree, indigenous to the Eastern Mediterranean regions, attains a height of 50 feet and is highly drought resistant. It succeeds best on a calcareous soil. The saccharine pods, known as “St. John’s Bread,” are a valuable stock food. Mutton and pork are greatly improved in flavour by this food and its fattening properties are said to be twice those of oil-cake. The pods are exceedingly rich in sugar. Up to 6 lbs per day can be fed to horses and for this purpose they may be used either raw or boiled and with or without chaff or similar provender. Per lb 2/6; 5 lbs at 2/-; 25 lbs at 1/9

Honey Locust Bean (*Gleditschia triacanthos* L.)—A tree; hardy against drought and frost, but small and slow growing. The seeds are valuable as a stock food. Per lb 1/6; 25 lbs at 1/-; 100 lbs 85/-

Lupins.

Yellow, White & Blue Lupins are regularly stocked. An excellent plant to grow for green manuring. Does well in poor sandy soil. Per lb 6d; 25 lbs at 4d; 100 lbs 30/-

Cheap seed is often dear at any price.

C. Starke & Co., Ltd., Mowbray, Cape

SOYA BEANS.

(*Glycine hispida* Maxim.)

The use of this crop is increasing very rapidly everywhere, and it is proving to be one of the most valuable and important forage and seed crops for warm countries. Its great value is when sown broadcast, and cut and cured for dry forage. It is very largely used for sowing with cow-peas, to hold the vines up off the ground, so as to enable them to be cut and cured to better advantage. Its use in this respect will be found to be superior to Kafir corn, Sorghums or similar crops, which are quite largely used. Where Soya Beans are sown with cow-peas, we would recommend that they be sown at the rate of half a bushel of Soya Beans to one bushel of cow-peas. The combination is excellent, and has proved very satisfactory wherever it has been grown. Soya Beans, both for forage and bean crop, are very nutritious, containing more oil and fattening properties than any other similar crop. In fact, the Soya Bean is practically the only plant that furnishes a balanced ration in one crop.

Mammoth Yellow Soya Beans.—Probably the most important variety and very largely grown in the Southern States of America. A heavy yielder, but requires a full season to mature. Per lb 8d; 25 lbs at 6d; 100 lbs 35/-

Hollybrook Early Soya Beans.—Make a quicker growth and mature their crop two or three weeks earlier than the Mammoth Yellow. It also makes fully as large a yield, both of forage and beans, and the added advantage of its earliness makes it a most distinct and valuable acquisition. It is admirably adapted for growing in districts where the seasons are short. It is a sure cropper and a vigorous, quick-growing variety. Sown as a forage or a hay crop, it is much easier to cure and handle, and makes even a more nutritious crop than cow-peas. Per lb 9d; 25 lbs at 7d; 100 lbs 40/-

Ito San Soya Beans.—This is one of the most popular varieties. It is two weeks earlier to mature than the Hollybrook Soyas, but does not make as large or leafy a growth. It is very productive, however, in yield of beans, and for early crop or for late planting, or for growing in districts where the seasons are short, the Ito San is of considerable value. It is similar in size, shape and colour of beans to the Hollybrook Soyas. Per lb 9d; 25 lbs at 8d; 100 lbs 56/-

Early Dwarf Green Soya Beans.—An early maturing variety, which makes a very large yield of the shelled beans, but does not make quite as large a growth as the Mammoth Yellow or the Hollybrook Soyas. It is, however, much better adapted for planting in districts where the Hollybrook and Mammoth Yellow do not have time to mature. On account of the large yield of shelled beans which it makes, it is also particularly valuable for planting where it is desired to raise a crop of beans either for seed or for feeding. Per lb 9d; 25 lbs at 7d; 100 lbs 45/-

Early Black Soya Beans.—A comparatively new introduction in Soyas, which promises to become immensely popular and valuable wherever it is grown. It is earlier to mature than the Yellow Mammoth, and this gives it a decided advantage over that variety. Per lb 9d; 25 lbs at 7d; 100 lbs 40/-

Five per cent. can be deducted if cash is sent with the order.

PRICE LIST
of
Poultry and
.. Pigeon ..
Specialities



C. STARKE & Co., Ltd.,
MANUFACTURERS,
Mowbray, Cape Colony.

Please turn over.

Starke's

Poultry & Pigeon Specialities.

Telegraphic Address:
"STARKE, MOWBRAY."

List No. 287.

Telephone No. 4
Rondebosch Exchange.

(Subject to change without notice.)

FOR POULTRY.	10 lbs.	25 lbs.	50 lbs.	100 lbs.	200 lbs.
Poultry Meal—Morning Feed	1/8	3/6	7/-	14/-	27/-
Mixed Poultry Grain—Evening Feed	...	2/6	5/-	9/9	19/-
Superior Mixed Poultry Grain, for Summer Use	...	3/-	6/-	11/6	22/6

FOR CHICKENS.	5 lbs.	10 lbs.	25 lbs.	50 lbs.	100 lbs.
Chicken Meal—Morning Feed	1/6	2/6	5/6	10/6	20/-
"Chix" No. 1—Evening Feed for Young Chickens	1/6	2/9	6/-	11/6	22/6
"Chix" No. 2—Evening Feed for Second Month	1/-	2/-	4/3	8/3	16/-
"Chix" No. 3—Evening Feed for Older Chicks	1/-	1/9	3/6	7/-	13/6

FOR HOMERS & FANCY PIGEONS.	10 lbs.	25 lbs.	50 lbs.	100 lbs.
Racing Mixture, for Homers	...	4/-	7/9	15/-
Winter Mixture, for Homers and Fancy Pigeons	...	3/3	6/6	12/6
"Homeroid" Seed Mixture	...	2/6	6/-	11/6

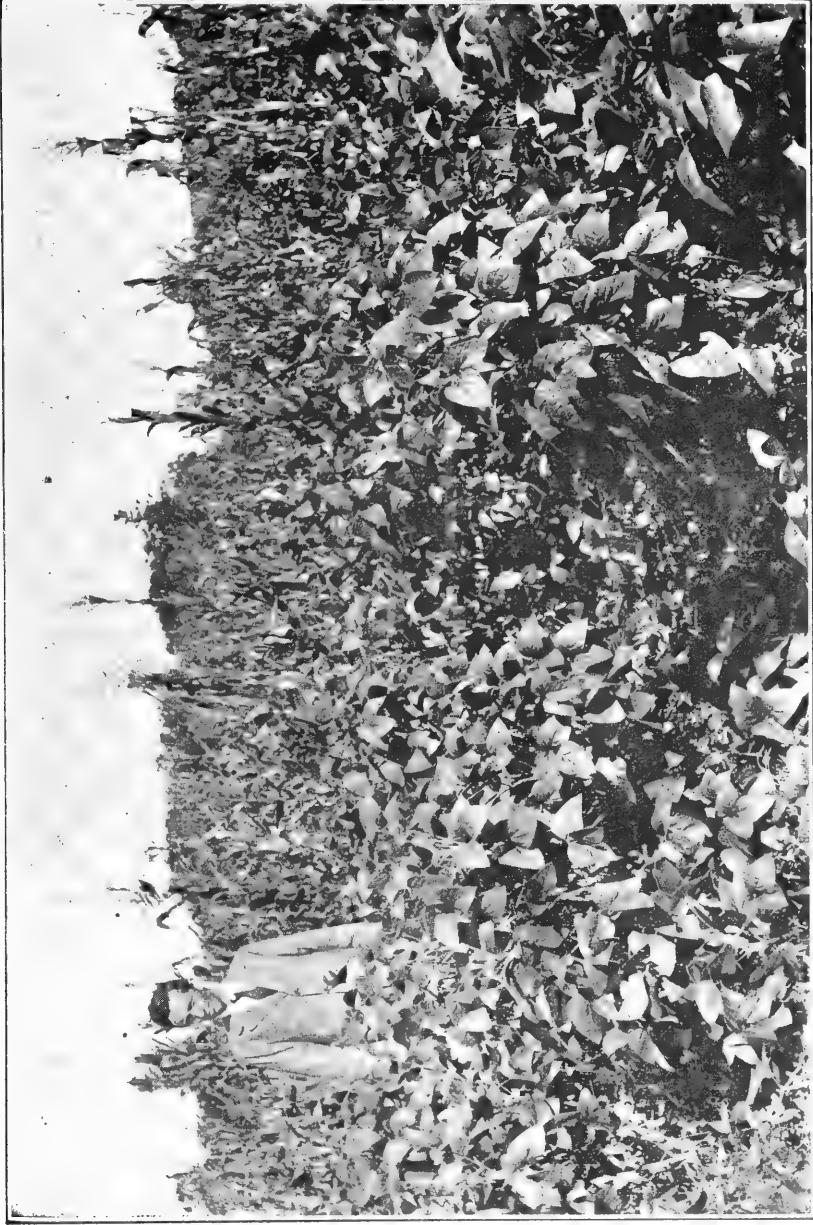
GRIT FOR POULTRY & PIGEONS.	25 lbs.	50 lbs.	100 lbs.
"Homergrit" 5 lbs. 6d.	10 lbs. 1/-	2/6	4/6
Colonial Crystal Grit 7 lbs. 6d.	14 lbs. 1/-	1/6	2/9
Mixed Poultry Grit 5 lbs. 6d.	10 lbs. 1/-	2/6	4/6
Colonial Shell Grit 6 lbs. 6d.	12 lbs. 1/-	2/-	4/-

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All our Preparations are formulated by an  
Experienced Fancier.

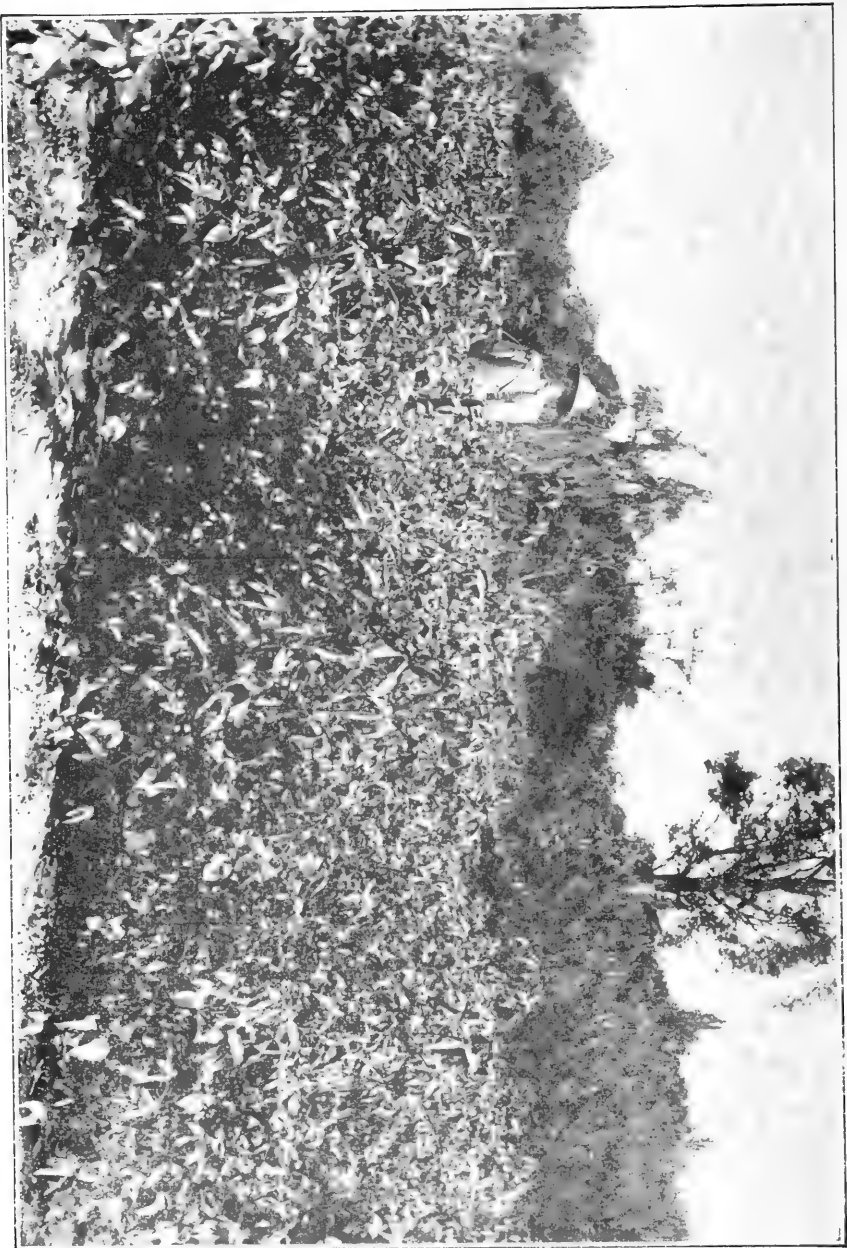
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C. Starke & Co., Ltd., Mowbray, C.C.



STARKE'S SEEDS AT LOVEDALE.

Experimental Plot of Soya Beans. Height $3\frac{1}{2}$ to 4 ft.



STARKE'S SEEDS AT LOVEDALE.

Experimental Plot of Egyptian Mit-Ahfi Cotton. Height 4 to 5 ft.

Agricultural Seedsmen.

Selected Manchurian Soya Beans.—We offer carefully selected and hand-picked seed of Manchurian origin to provide a cheaper means of seeding where a large acreage is being put under this crop. Growers should insist on having hand-picked seed of this variety, otherwise they run serious risk of fouling their lands with that troublesome weed *Xanthium strumarium*. Per lb 6d ; 25 lbs 7/6 ; 100 lbs 27/6

Vetches.

Spring Vetch (*Vicia sativa* L.)—Grows more rapidly and luxuriantly than the winter form mentioned below, but is not quite so hardy, yet in this mild climate it is probably the best to sow except under severe conditions. When used for green fodder, it is sown with oats, rye or barley which provide a support for the vetches and prevent the crop being laid. Mix about 5 parts of the vetches to three parts of the oats, rye or barley. Vetches can be sown in the autumn and again in the spring. In cold districts it is probably safer to use the winter variety for autumn sowings. Vetches grown for hay should be cut when in bloom, but for green fodder at an earlier stage, in order to encourage continued growth. Several cuttings can be obtained in this way. Also excellent crop for ploughing in as green manure. Sow 30/40 lbs per acre. Per lb 6d ; 25 lbs at 3d ; 100 lbs 22/6

Winter Vetch (*Vicia sativa* L.)—A hardy form of the above, but does not give quite the same bulk of fodder. Recommended for the colder districts for autumn sowings. Per lb 6d ; 25 lbs at 3½d ; 100 lbs 25/-

Scotch Gore Tares.—A very fine large seeded variety. Should be tried for a hardy sort. Per lb 9d ; 25 lbs at 6d ; 100 lbs 42/6

Swedish Improved Sweet Vetch.—Of medium height, tufted, with large leaves, superior to the ordinary forage vetches for green forage or for ripe cutting. The seed is of a grayish-brown with black spots, much larger than that of ordinary vetches, well filled and fine. Yield, very high. Per lb 6d ; 25 lbs for 10/- ; 100 lbs 32/6

Swedish Improved Gray Vetch.—Taller than the preceding and less bushy. Yield in herbage as good as the foregoing ; in seed, better. The seed of the same colour but less coarse. Ripens a day or two later, but simultaneously and with certainty. Per lb 6d ; 25 lbs for 9/- ; 100 lbs 30/-

Sand or Hairy Vitch (*Vicia villosa* Roth.)—Thrives on poor, arid, sandy soils. It may be sown either in fall or in spring, mixed with rye, for a support. Grows 3 to 4 feet high, and can be cut as soon as the bloom appears, and again for the seed. Perfectly hardy. Known also in America as Winter Vetch, but must not be confused with the Winter Vetch above mentioned. Sand Vetch is a smaller seed than the Winter Vetch (*Vicia sativa*). Sow 30 lbs per acre. Per lb 1/- ; 25 lbs at 9d ; 100 lbs 65/-

Kidney Vetch or Yellow Sand Clover (*Anthyllis vulneraria* L.)—A valuable forage plant for sowing on sandy land, too poor for Red or White Clover. It is very much liked by sheep, and also succeeds well on thin, limestone soils ; it grows naturally on thin, stony land, and will produce a good crop on such soils. Sow 15 to 20 lbs per acre. Per lb 1/6 ; 25 lbs at 1/3 ; 100 lbs 100/-

Swedish Gore Tares.—Similar to the above ; a beautiful large grained variety. Per lb 6d ; 25 lbs at 3½d ; 100 lbs 25/-

“ Kudu ” stands for the Highest Quality.

C. Starke & Co., Ltd., Mowbray, Cape

Cow Peas.

(*Vigna Catjang* Walp.)

The Great Soil Improvers.

Cow-peas make one of the largest-yielding and most nutritious forage crops grown. There is also no surer or cheaper means of improving and increasing the productiveness of the soil than by sowing the Cow-Pea. It is not necessary to turn under the crop of vines to improve the soil, and it is really considered more economical to cut off the crop and cure as a forage or hay crop, and then turn under the stubble and roots. Even when the crop is cut off, the land is left in very much better mechanical condition, and the productiveness very much increased over what it was before the crop was grown. The Cow-Pea to a greater extent than other leguminous crops, has the power to extract nitrogen from the atmosphere and to store same in the vines and roots, so that, even if the crop is cut off, the land is enriched and its condition improved. From 10,000 to 18,000 pounds of green fodder per acre have been produced by the Cow-Pea.

To Grow for Hay they are most valuable, as they yield an immense quantity of feed of the best quality, and produce the crop in so short a time.

For Ensilage they are unsurpassed, being more nutritious than green maize and other crops used for this purpose. Where it is desired to turn the whole crop under as a soil-improver, it is better to do so after the vines are partly dead. A good picking of the dried peas can be made before ploughing under, if desired. Cow-Peas can be sown in spring, at the rate of from one to one and a half bushels per acre.

Fertilizing Cow-Peas.—Super-phosphate or bone, and potash are usually considered the best fertilizers to use on cow-peas, and it is not, as a rule, considered desirable to use fertilizer containing nitrogen or ammonia.

Where peas are sown in drills and worked, it is better to apply fertilizer at the time of working. If sown broadcast, apply the fertilizer at the time the peas are sown, and rake the fertilizer in with the peas.

Sowing Cow-Peas with Soya Beans, Kafir Corn, etc.—Cow-Peas are quite frequently sown with kafir corn, sorghum, soya beans or maize, in order to obtain some support and to enable the vines to be cut and harvested to better advantage. Experience has conclusively proved that the best crop to sow with cow-peas is soya beans, and they should be sown at the rate of about half a bushel of soya beans to one bushel of cow-peas. Both make a nutritious feed, and the soya beans seem to hold up the vines and harvest better with cow-peas than any other crop.

New Era Cow Peas.—An early maturing variety, which has proved very popular and satisfactory. It is upright-growing, quick to mature, and remarkably prolific of peas. The vines cure easily, making splendid dry forage. The seed is smaller in size than the ordinary cow-pea, so that it does not require as many to seed an acre, from three-fourths to one bushel per acre will give ample seeding. Per lb 9d; 25 lbs 15/-; 50 lbs 25/-; 100 lbs 40/-

Wonderful, or Unknown Cow Peas.—This popular variety makes an enormous and remarkable growth of vines, but requires the full growing season to make its crop. In yield and growth of vines it surpasses any

It pays to consider quality in seeds.

Agricultural Seedsmen.

of the varieties of cow-peas, and it yields very largely of the shelled peas. It will also hold its leaves and foliage better than other kinds, which gives it a decided advantage when it is sown for hay or forage. Per lb 9d; 25 lbs 15/-; 50 lbs 25/-; 100 lbs 40/-

Black Cow Peas.—Very prolific, early to mature, makes a fine growth, both of vine and leaves and a good yield of peas. It is a splendid land-improver, and most valuable as a forage crop, and makes an enormous yield of rich, nutritious feed. Per lb 9d; 25 lbs 15/-; 50 lbs 25/-; 100 lbs 40/-

Taylor Cow Peas.—This is a large speckled pea, making a good growth of vine and a heavy yield of shelled peas. It is early to mature, upright in growth, and a most valuable and promising variety. Has proved very popular wherever it has been sown. Per lb 9d; 25 lbs 15/-; 50 lbs 25/-; 100 lbs 40/-

Red Ripper Cow Peas.—Red-seeded; a most desirable and productive variety, somewhat resembling the Black in growth of vine, but ten days earlier and more prolific. Wherever it has been grown it is rapidly coming into favour. Per lb 9d; 25 lbs 15/-; 50 lbs 25/-; 100 lbs 40/-

Clay Cow Peas.—Makes a vigorous growth of vine and pods similar to the Black Pea, but is a little later in maturing. Is prolific, both in yield of peas and growth of vine. Per lb 9d; 25 lbs 15/-; 50 lbs 25/-; 100 lbs 40/-

Whippoorwill Cow Peas.—A favourite, early, upright-growing variety, more largely used and sold than any other kind. Has brown speckled seed, which is easily gathered. Makes a good growth of vine, which can be easily cut and cured as dried forage. Some claim that this variety is also superior in land-improving qualities to other kinds. Per lb 9d; 25 lbs 15/-; 50 lbs 25/-; 100 lbs 40/-

Coffee Cow Peas.—Per lb 9d; 25 lbs 15/-; 50 lbs 25/-; 100 lbs 40/-

Zwartbekje Cow Peas.—The well known local variety. A strong and luxuriant grower; recumbent. Per lb 6d; 25 lbs at 3d; 100 lbs 22/6 (price variable).

Peanuts.

(*Arachis Hypogea* L.)



PEANUTS.

These nuts do well in most warm districts. The soil should be a very open nature, thoroughly broken up, but not to a greater depth than 4 or 5 inches, it being desirable to keep the nuts as near the surface as possible. Sow the nuts in September, in drills, 3 feet apart and 9 to 12 inches between the nuts, and about 3 inches deep; they may be planted whole at the rate of 40 lbs to the acre. It is necessary to keep the soil free from weeds until the vines have covered the ground, when the crop will need but little attention. Harvest when the vines turn yellow, and while most of the nuts still cling to the roots. After the crop is harvested, pigs or poultry turned on to the ground will soon clear up any nuts or remnants that may be left.

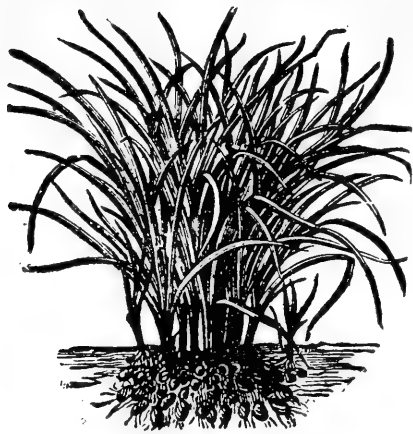
Spanish Peanuts.—Per lb 1/6; 25 lbs at 1/- per lb.

South African Grown Peanuts.—Per lb 9d; 25 lbs at 6d

New Mammoth Bush Peanuts.—Very large nuts, per lb 2/6

C. Starke & Co., Ltd., Mowbray, Cape

Spanish Chufas.



SPANISH CHUFAS.

A nut grass largely grown in some sections for feeding to pigs, for which purpose they are highly recommended. After the crop is grown pigs may be turned into the field, thus saving the labour of harvesting and feeding required by most crops for this purpose.

Culture of Chufas.—They do best on light, sandy soil, or rather soil that does not contain too much clay, except as a subsoil. They should be placed in drills two and a half to three feet apart, dropping from three to five Chufas together 15 to 20 inches apart. Cover to a depth of about two inches. They should be kept clean and the soil stirred occasionally. If for any reason an imperfect

stand is obtained, the plants may be drawn and transplanted, and they will do just as well as if grown from the seed. Chufas make rapid growth after coming up. When it is desired to turn the pigs into them, it is best to pull up a few of the plants by the roots, and leave them on top of the soil, when, if either pigs or chickens get a taste, they will soon scratch over the whole field in their search for them. They are very productive, nutritious and fattening. Plant in the spring. Per lb 2/-; 25 lbs at 1/6 per lb.

ROOT CROPS.

Root crops certainly do not receive the attention, in this country, that they deserve. For weight of crop and general usefulness as fodder for stock, these are crops which can hardly be surpassed, and as most districts will grow one sort or another successfully, we feel that agriculturists generally and stock farmers in particular should be able to add materially to the possibilities of their farms by growing roots on a considerable scale.

Mangolds.

(*Beta vulgaris* L.)

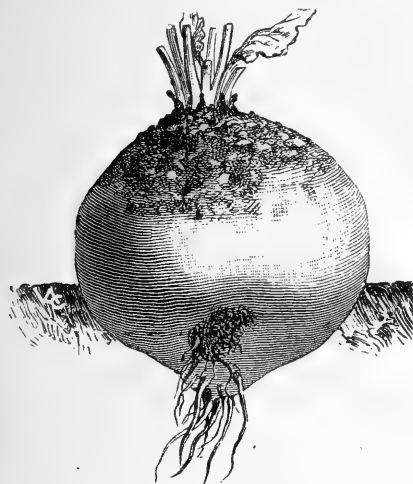
For a successful crop, Mangolds should have good, deep cultivation. Brackish soil suits them better than most crops. The seed is best sown in drills about 12 inches apart if they are to be transplanted, but this system should only be employed for very small patches and even then it is doubtful whether it will give the same results as sowing in drills in the permanent position and thinning afterwards. Drills 18 to 24 inches apart are recommended for hand cultivation and 24 to 30 inches for horse cultivation. The thinning must be thoroughly carried out so as to give the plants plenty of room to develop. The Planet Jr. seeder is the best implement for sowing the seed except on a very large scale, when a horse drill can be more profitably used.

Five per cent. can be deducted if cash is sent with the order.

Agricultural Seedsmen.

Mammoth Long Red.—Probably the best variety to grow on good, deep soil. Remarkable for its gigantic appearance and the enormous weight it produces per acre. Per lb $1/6$; 25 lbs at $1/4$; 100 lbs 120/-

Golden Tankard.—The best quality of all Mangels, having a deep yellow flesh. It is exceedingly rich in saccharine matter and feeding properties, and being of excellent shape and neat habit can be grown closer together, and thus a greater weight per acre may be obtained than from the larger growing sorts. Per lb $1/6$; 25 lbs at $1/4$; 100 lbs 120/-



YELLOW GLOBE MANGOLD.

to an extent not attained in any other sort and it is strongly to be recommended as a dairy feed. Per lb $1/6$; 25 lbs at $1/4$; 100 lbs 120/-

Giant Half Sugar Rose.—Similar to Giant Half Sugar White, except in colour. Per lb $1/6$; 25 lbs at $1/4$; 100 lbs 120/-

Note.—Where Mangold Seed is required in very large quantities, we shall be pleased to quote special prices on request.

Sugar Beet.

(*Beta vulgaris* L.)

Sugar Beet is a valuable fodder crop on account of the high sugar-content of the roots, which are smaller than the ordinary Mangold and grow below the surface of the soil, the leaf only appearing above. The cultivation is similar to that for Mangolds, except that the plants can be placed much closer in the row.

Vilmorin's Improved White.—This variety is a very general favourite. Per lb $1/3$; 25 lbs at $1/-$; 100 lbs 75/-

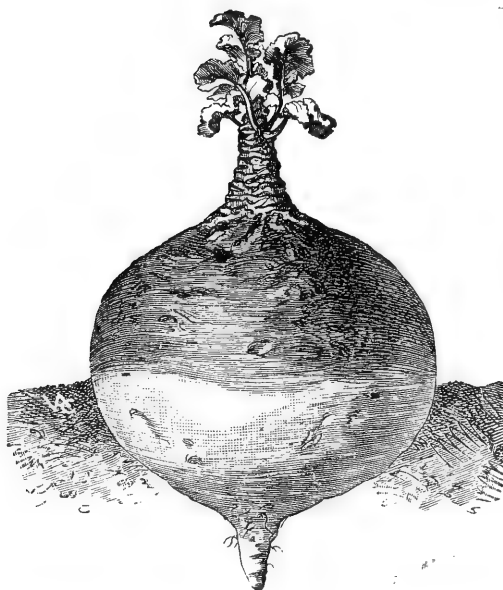
Danish Improved.—Of large size and thick, oval shape. Gives a heavy yield. Rich in sugar and most desirable for stock feeding. Bright green foliage with leaf stalks and skin shaded or flushed with pink. Per lb $2/-$; 25 lbs at $1/9$; 100 lbs at $1/6$ per lb.

To avoid errors please use our Printed Order Form.

C. Starke & Co., Ltd., Mowbray, Cape

Swedes.

(*Brassica Rutabaga* L.)



Swedes like a stiff loamy soil, and a fairly moist atmosphere. They do well in the Western Province and should be successful in all the coastal districts. The crop is a valuable one as the yield is very heavy in favourable seasons and it is a good feed for dairy cattle and pigs.

Webbs' Imperial Purple Top.—A great favourite, as it is of excellent size and good quality; yields well. Per lb 2/-; 25 lbs at 1/6; 100 lbs at 1/3 per lb.

Monarch or Elephant.—Another excellent purple top variety. Per lb 1/6; 25 lbs at 1/-; 100 lbs at 10d per lb.

WEBBS' IMPERIAL PURPLE TOP SWEDE.—A magnificent variety of tankard shape, purple top and rich yellow flesh. Grows to a splendid size; excellent quality; early; hardy; and a splendid cropper. Per lb 2/-; 25 lbs at 1/3; 100 lbs at 1/- per lb.

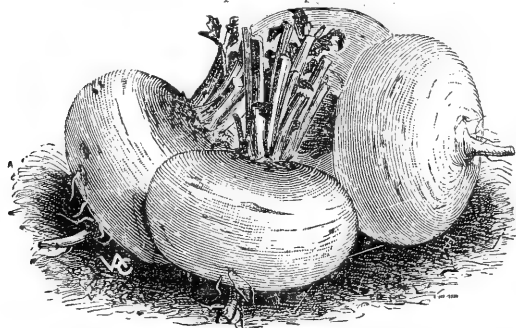
Sutton's Champion.—A good standard sort. Purple top, yellow flesh. Per lb 1/6; 25 lbs at 1/3; 100 lbs at 1/- per lb.

Kangaroo Bronze Top.—A bronze top, yellow fleshed variety. Per lb 2/-; 25 lbs at 1/6; 100 lbs at 1/3 per lb.

Field Turnips.

(*Brassica rapa* L.)

Field Turnips are a most important crop in England and, though they may probably never reach the same degree of popularity here, should receive a great deal more attention than they do at present. Recent experiments show that the Purple Top Mammoth is a variety that is eminently suited to our conditions and no doubt this will prove an incentive to a more extensive cultivation of this crop.



WHITE STONE OR STUBBLE TURNIP.

Purple Top Mammoth.—A white fleshed, purple top variety of splendid size. The strain which we are offering has proved a universal favourite and is now extensively grown. Per lb 1/6; 25 lbs at 1/-; 100 lbs at 9d per lb.

It pays to consider quality in seeds.

Agricultural Seedsmen.

Early White Stone or Stubble Turnip.—A beautifully shaped and juicy variety. The best of all White Turnips for late sowing. Per lb 1/6; 25 lbs at 1/-; 100 lbs 75/-

Fosterton Hybrid.—The largest type of the Green-top Yellow-fleshed Turnips. It produces large handsome roots of rapid growth, which makes it valuable for late sowing. The stock we offer is a very fine one. Per lb 2/-; 25 lbs at 1/3; 100 lbs at 1/- per lb.

Imperial Green Globe.—One of the most valuable of the white fleshed turnips. The roots attain a large size and are handsome in shape and uniform in appearance. The flesh is very solid and of nutritious quality. Per lb 2/-; 25 lbs at 1/3; 100 lbs at 1/- per lb.

American White Strap Leaf.—An old favourite. Suitable for hot climates. Per lb 2/6; 25 lbs at 1/6; 100 lbs at 1/3 per lb.

Yellow Tankard.—A splendid yellow variety of characteristic tankard shape and a quick grower. Per lb 2/-; 25 lbs at 1/3; 100 lbs at 1/- per lb.

(For Garden Varieties, see Vegetable Seeds.)

“ PIONEER ”

New Breed of TURNIP-SWEDE.

PEDIGREE:

TURNIP.	SWEDE.	TURNIP.
Scotch Green Top [Yellow-Fleshed].	Purple Top [Yellow-Fleshed].	Purple Top Mammoth [White-Fleshed].

“ PIONEER ”

In appearance this partakes more of the character of the Swede, but has the quick and vigorous growing habit of the Turnip. The skin is of a bright purple colour, the bulbs are globular in shape, and the foliage is robust and vigorous with distinct purple-coloured leaf-stalks. In districts where land will not carry crops of Swedes, ‘Pioneer’ will be found to produce maximum crops of bulbs equal in quality and keeping properties to the finest Swedes, but possessing rapid growth of Turnips. To distinguish this from other forms of Turnips and Swedes we have classified it under the heading of “The Turnip-Swede.” Per lb 2/6; 25 lbs at 1/9; 100 lbs at 1/6 per lb.

Chicory.

(*Cichorium Intybus* L.)

Cultivation.—This is a most useful plant, and should be more largely grown as it is relished by all kinds of stock. Its roots are very tenacious of life, consequently it will be found useful in dry situations and during long droughts. It will last many years in the ground if cut regularly before arriving at its full flower. On suitable soils could be grown profitably as a root crop, as it is largely imported for coffee mixtures. The quantity of seed required per acre is from 4 to 5 lbs if sown in drills, and from 10 to 12 lbs if sown broadcast. This root should never be given to milch cows, on account of the disagreeable flavour it imparts to butter. Sow seed August and September.

Large Rooted Magdeburgh.—Per lb 2/-; 10 lbs at 1/9 per lb.

Short Brunswick.—Per lb 2/-; 10 lbs at 1/9 per lb.

C. Starke & Co., Ltd., Mowbray, Cape

Field Carrots.

(*Daucus Carota* L.)

Carrots generally prove to be a profitable crop, especially on soils of a light sandy nature. They are invaluable food for all kinds of stock, particularly horses. The following varieties can be strongly recommended.

White Belgian.—A very productive kind, grown almost exclusively for stock; grows one-third out of the ground. Lower portion of the root white, above ground green. Per lb 5/-; 25 lbs at 4/6; 100 lbs at 4/- per lb.

Yellow Belgian.—A splendid and useful variety, heavy cropper, and much preferred by some to White Belgian. Per lb 5/-; 25 lbs at 4/6; 100 lbs at 4/- per lb.

Long Red Surrey.—Another excellent variety. Per lb 6/-; 25 lbs at 5/6; 100 lbs at 5/- per lb.

The 1911 crop of carrot seed has been an almost entire failure and the seed is practically unobtainable in consequence. What little is available is fetching extraordinary prices.

(For Garden Varieties, see Vegetable Seeds.)

Sunflower.

(*Helianthus annuus* L.)



**TALL RUSSIAN
SUNFLOWER.**

The seed makes an excellent poultry food and comes to perfection in a few months. Sow August to November in drills 3 to 4 feet apart and thin same distance between each plant; 7 lbs of seed should be sown per acre.

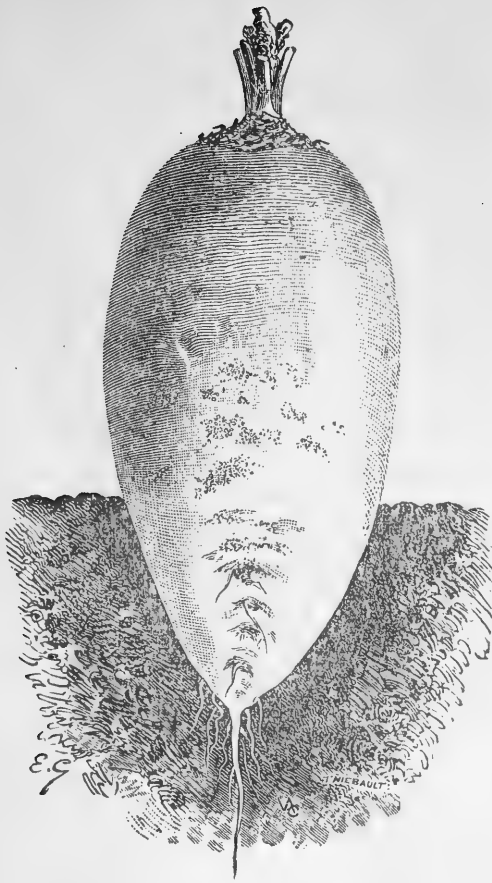
Tall Russian.—Probably the most productive variety. A very tall and vigorous grower giving large heads, usually one only to a plant, and yielding an enormous quantity of seed from each head. Per lb 1/-; 25 lbs for 20/-; 100 lbs 60/-.

Black Seeded.—Another excellent variety and good yielder. Does not grow quite so large as the Tall Russian, but gives good large heads with an abundance of seed, the grains of which are somewhat smaller than the Tall Russian and black in colour. Said to be a good oil yielding variety and can be recommended as a very useful sort. Per lb 6d; 25 lbs for 10/6; 100 lbs 40/-.

White Seeded.—Gives fine large heads and a good seed return. An excellent variety. Per lb 2/-; 25 lbs at 1/9; 100 lbs at 1/6 per lb.

Colonial.—We can also supply ordinary colonial grown seed; probably from a Tall Russian strain, the seed of which it resembles, though smaller. Useful on account of the lower cost where large quantities are being sown. Per lb 6d; 25 lbs for 6/6; 100 lbs 20/-.

Five per cent. can be deducted if cash is sent with the order.



Giant Half Sugar Mangold

Beta vulgaris L.

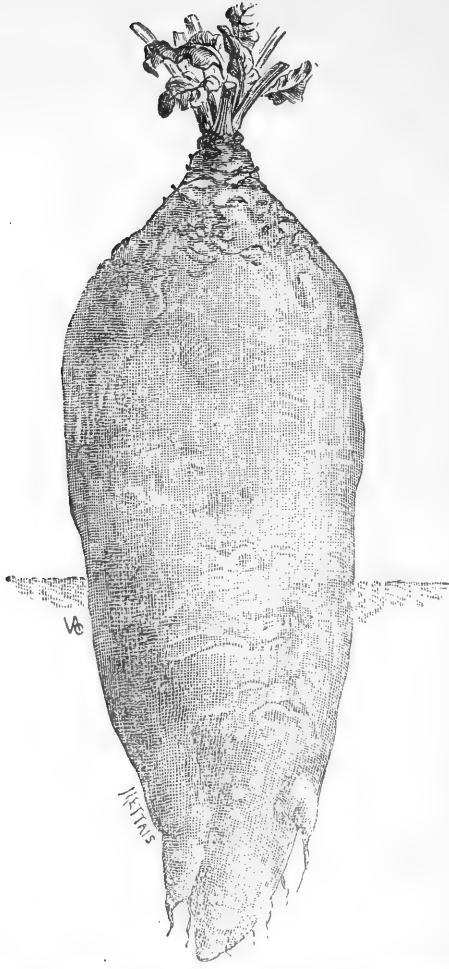
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Vilmorin's Improved White Sugar Beet

Beta vulgaris L.

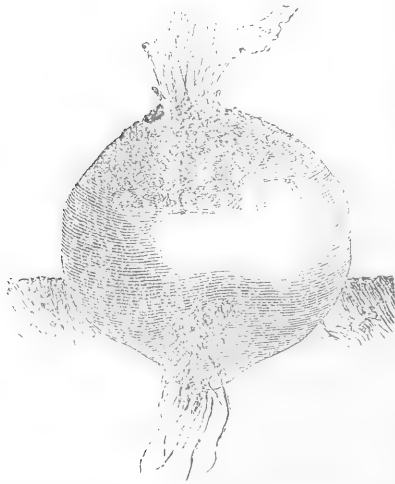
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Mammoth Long Red Mangold

Beta vulgaris L.

(Page 21)



Yellow Globe Mangold

Beta vulgaris L.

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Agricultural Seedsmen.

Helianti.

(*Helianthus doronicoides* Lam.)

A newly introduced fodder plant, said to give a very large crop, both in roots and foliage, all useful for stock. The tubers only can be obtained, but as they will not keep after lifting, we are booking orders specially and will import the tubers for each order. Not less than 25 lbs will be ordered and the price is approximately 20/- for that quantity f.o.r. Docks or Rosebank. A lot recently imported showed a wastage of about 25% only, but we cannot guarantee sound delivery at all times. Orders must be placed well in advance as the tubers are only available at certain seasons. About 25 to 30 go to the pound. We recommend treating these similarly to Jerusalem Artichokes until experience is gained as to the best methods of cultivation.

Jerusalem Artichokes.

(*Helianthus tuberosus* L.)

Tubers only, of this plant, can be supplied and orders should be placed in advance as the tubers will not keep after lifting and must be obtained specially for each enquiry. The tubers will be sent out in August. Per 100 lbs 20/-; 25 lbs for 6/-; 5 lbs for 2/-

Rape, Kale and Mustard.

These are valuable Farm Crops and deserve close attention from every up-to-date Agriculturist. **Rape**, particularly, is now largely grown in the Western Province and other districts of the colony. In the grain districts of Koeberg, Darling, Malmesbury, Paarl and Caledon, this crop provides magnificent feed on the "brak-lands," where it is sown as a catch crop while the land is otherwise lying fallow, thus entailing no extra expense and providing an immense amount of feed for all kinds of stock. It is valuable alike for Sheep, Cows, Pigs, Ostriches and any grazing stock.

Dwarf Essex Rape (*Brassica Napus* L.)—This is the most popular variety and the one which we always recommend, unless for experimental purposes, when other varieties are often tried for certain situations or conditions. Dwarf Essex Rape is now extensively sown throughout South Africa and is one of the most important fodder crops. It is suitable for sowing at all seasons and it is not necessary to use the "Summer" varieties for Summer sowings. In this neighbourhood, where we have only slight frosts Rape is sown from March to May and again from August onwards, but in the colder districts from September to January would probably suit best, according to rainfall. Sow 3 to 5 lbs per acre on well prepared land. Per lb 6d; 25 lbs for 8/4; 100 lbs 27/6

Dist. Mossel Bay.

Your Dwarf Essex Rape Seed, which I have tried for the first time, I am glad to say has grown very well here and is valuable for ostriches.

To avoid errors please use our printed order form.

C. Starke & Co., Ltd., Mowbray, Cape

Winter Rape.—Per lb 6d; 25 lbs for 9/-; 100 lbs 30/-

New Giant Kangaroo Rape.—The raiser (Mr. Campbell) states:—"A truly wonderful variety of Rape, with exceedingly quick growth, and must be of interest to all dairy farmers and cattle owners. I have been cultivating Kangaroo Rape and achieved wonderful results with it; within a short period of five weeks it attained the growth of 2 feet, and within twelve weeks $7\frac{1}{2}$ feet, without rain."

It has a long, strong tap-root enabling it to stand long periods of drought, the stalks are unlike ordinary Rape as they break easy and are very succulent right through; will not taint the milk, but should not be given to milch cows when in flower. It is great fattening food for cows, horses, sheep, pigs, etc. Those who have grown it say they can fatten **three more sheep** to the acre on it than other varieties. Sow 4 to 6 lbs per acre in drills, or 8 to 12 lbs broadcast. Per lb 1/-; 25 lbs at 10d; 100 lbs at 9d per lb.



THOUSAND HEADED KALE.

leaves can be regularly harvested or the plant can be cut down like a cabbage and will sprout out again. Per lb 1/6; 25 lbs at 1/3; 100 lbs at 1/- per lb.

A client at Mossel Bay writes with reference to Thousand Headed Kale:—"The previous lot of Thousand Headed Kale did very well with us, growing to a height of nearly 6 feet and lasting from March to date (Dec. 3rd) and not yet finished."

Hardy Branching Kale.—A similar variety to the above. Per lb 1/6; 25 lbs at 1/3; 100 lbs at 1/- per lb.

Summer Colza Rape or Large Seeded Summer Rape.—

This is a swede-like variety similar in appearance to the Dwarf Essex Rape. Per lb 9d; 25 lbs 16/6; 100 lbs 60/-

German Summer Rape or Small Seeded Summer Rape.—

This is a turnip-like variety. The young plants so closely resembling turnips that it is difficult to distinguish them with certainty. Per lb 9d; 25 lbs 16/6; 100 lbs 60/-

Thousand Headed Kale
(*Brassica oleracea* L. form *acephala*).—A vigorous grower giving an immense amount of feed during the season. Excellent for dairy stock. Sow in drills, 36 inches apart, or on a seed bed and transplant 36 in. apart each way. The

Lovedale.

Having heard of the superiority of your Seeds through my teacher . . .
I beg to ask you to favour me with your Catalogue containing prices.

Ermelo.

The Seeds have arrived in good order and give satisfaction in every way.

"Kudu" Seeds give the Highest Germination.

Agricultural Seedsmen.

Jersey or Tree Kale.—A very tall growing kale which will stand for several years without replanting as the plant often does not bloom until the third year. The leaves are as much as two feet in width if well grown. Likes plenty of moisture and is suited to irrigation. All varieties of kale form an excellent green crop for ostrich chicks and should be largely cultivated for that purpose, especially as continuous pluckings of the leaves can be taken for months at a stretch so that an acre or two will keep a large number of chicks well supplied. Per lb 1/9; 25 lbs at 1/6; 100 lbs at 1/3 per lb.

Chou Moellier or Marrow Kale.—A large variety of Cattle-feeding Kale, with very stout thick stem, which is swollen in the upper two-thirds of its length and filled with a sort of marrow or tender flesh which forms excellent food for cattle. The leaves are very large and broad and constitute a considerable part of the crop. The stem grows 5ft. or more high with a diameter of 3 or 4 inches in the thickest part; stands well all the Winter, being perfectly hardy. As a milk producer is unequalled, and does not taint the butter or milk. Seed can be sown in Autumn and Spring. Sow very thinly in drills 2ft. apart, thin out, and transplant if too numerous, allowing 12 to 15 inches between the plants. At the end of Summer the leaves are cut and given to cattle. At the commencement of the cold weather the stems are taken up and stored in a shed or out-house in districts where frosts are severe; in this way they will keep all through the winter. The stem of the Marrow Kale, if cut when young, would in our opinion form a very palatable vegetable. Two special qualities, which make the new Fodder more valuable, are its great weight and its feeding qualities during drought when other food is scarce. There is no hardwood or fibrous bark such as the ordinary cabbage possesses, but is sweet and juicy, and when chopped cattle consume it with great relish. As a milk and butter producer it is unequalled. 6d per packet; 9d per oz; ¼ lb 1/3; per lb 3/6; 25 lbs at 3/-; 100 lbs at 2/9 per lb.

White Mustard (*Brassica alba* Vis.=*Sinapis alba* L.)—An annual plant, grown chiefly as a food for sheep and for ploughing in to enrich the soil in humus. Often sown in small proportion with rape to prevent “hoven” or “op-blaas.” Per lb 8d; 25 lbs at 6d; 100 lbs 37/6

Cattle Cabbage (*Brassica oleracea* L., form *capitata*.)—This might be grown to advantage as a stock food. The following will be found excellent varieties for the purpose:—

Robinson's Champion Drumhead Cabbage.—A splendid variety; grows to a large size. Per ¼ lb 1/3; 1 lb 4/-; 5 lbs for 15/-

Cape Spitz Kool (Krul Blaar).—A large growing variety that does well for winter growing. One of the most productive varieties we have in this country. Per oz 1/3; ¼ lb 3/6; per lb 12/6

Adelaide Cape.

We find this Kale (Chou Moellier), although more expensive than Rape, is much hardier and withstands drought much better.

Paardekraal, Beaufort West.

Rape and Kale have opened quite a new page in the history of the Nieuweveld farming.

PAUL NEL.

Robertson, Cape.

I must say the Rape which I had from you has given me more than satisfaction.

Five per cent. can be deducted if cash is sent with the order.

C. Starke & Co., Ltd., Mowbray, Cape

Australian Salt Bush.



ATRIPLEX SEMIBACCATA

This is an excellent plant which will render many of our dry and sterile tracts valuable for sheep pastures. Cattle, and especially sheep, are so fond of it that they browse it to the roots. It is most wholesome and fattening, and stock pastured on Salt Bush are said to remain free from fluke. It will bear a great amount of drought, and if not too closely fed down will produce seed in abundance. Usually when grasses are dried up Salt Bush will be found green, and afford a splendid fodder for stock during the hot summer. As the seeds of most varieties are very light, it is a most difficult matter to sow them without being blown away; therefore the best method to adopt is to place, say, about six seeds in a patch at a distance of about ten yards apart and cover with half-inch of soil. The seed should be sown, if possible, before rain and the soil be well pulverised. 2 lbs will be sufficient for one acre on this method. When sown broadcast, we find rolling about the best method for imbedding the seed in the soil, provided the soil has been previously well prepared with this in view.

Atriplex Halimoides Lindl.—One of the best dwarf species for salt bush pastures. Stands the most extreme drought. Per lb 1/3; 25 lbs at 1/-; 100 lbs 75/-

Atriplex Nummularia Lindl.—One of the tallest, most fattening and wholesome of Australian salt bushes, but not so much relished by grazing animals as some of the smaller species. 1/4 lb 1/6; per lb 5/-; 10 lbs at 4/- per lb.

Atriplex Leptocarpa F.v.M.—Very largely grown; is one of the best perennial varieties. Stands the drought well. 1/4 lb 1/6; per lb 5/-; 10 lbs at 4/- per lb

Atriplex Semibaccata R.Br.—A perennial very much liked by sheep, considered among the best saline herbage of the salt bush country. This variety is pronounced as wonderful for its productiveness and drought-resisting power. 1/4 lb 1/-; per lb 2/9; 25 lbs at 2/6; 100 lbs at 2/3 per lb.

Atriplex Campanulata Benth.—A splendid variety of a creeping nature; does well on sandy hills or roomy ridges, horses being very fond of it. 1/4 lb 1/6; per lb 5/-; 10 lbs at 4/- per lb.

Uppington.

Some of the Salt Bush seed . . . has already come up after only 5 days in the ground.

Brandwacht, Mossel Bay.

The . . . Seeds I ordered from you are coming up splendidly.

Five per cent. can be deducted if cash is sent with the order.

Agricultural Seedsmen.

Atriplex Angulata Benth.—An annual variety, exceedingly hardy, and thrives well on almost any soil; is greatly used reclaiming patches of country which have become windblown and useless; greatly relished by all stock; $\frac{1}{4}$ lb 1/6; per lb 5/-; 10 lbs at 4/- per lb.

Atriplex Vesicaria Heward.—One of the most fattening and most relished of all the dwarf pastoral Salt Bushes of Australia, holding out in the utmost extremes of drought, and not scorched even by sirocco-like blasts. Its vast abundance over extensive Salt Bush plains of the Australian interior, to the exclusion of almost every other bush except *A. Halimoides*, indicates the facility with which this species disseminates itself. Splendid wool is produced in regions where *A. vesicaria* and *A. Halimoides* almost monopolise the ground for enormous stretches. $\frac{1}{4}$ lb 1/6; per lb 5/-; 10 lbs at 4/- per lb.

Atriplex Holocarpa F.v.M.—Valuable for ground that is liable to become flooded. Grows 12 to 15 inches high, and spreads freely from self-sown seed. $\frac{1}{4}$ lb 1/6; per lb 5/-; 10 lbs at 4/- per lb.

Rhagodia Hastata R.Br. (Halbert-leaved Saltbush).—This variety when cultivated grows to a height of from 5 to 7 feet and 7 feet through, and in New South Wales it has been successfully grown as a hedge. In its native state it is a branched under-shrub, spreading 2 to 3 feet. It is valuable food for horses, cattle, and sheep. $\frac{1}{4}$ lb 2/6; $\frac{1}{2}$ lb 4/-; per lb 7/6

Avontuur, Cape.

I have just returned from a visit to the Free State . . . and I have made use of the opportunity to recommend your Arabian Lucerne most strongly and have supplied several farmers with your address.

Paardekraal, Beaufort West.

All your seeds are excellent. In my 7 years' experience as a farmer I have never had better or so good. Nothing has failed so far.

PAUL NEL.



Castor Bean.

Red Stalked Castor Bean (*Ricinus sanguineus*).—This plant does well in most parts of South Africa, and should be more largely cultivated. There is good demand for the seed if it can be produced at a price that will allow of its use for oil pressing. Per lb 1/6; 25 lbs at 1/3; 100 lbs at 1/- per lb.

If you want information about any useful plant, whether mentioned in this catalogue or not, write us; it is probable we may be able to help you.

C. Starke & Co., Ltd., Mowbray, Cape

Cattle Melons and Gourds.

Starke's Mammoth White Kafir Melon.—One of the best crops for the late summer. This is a splendid keeping variety of immense size and can be stored for many months, it being quite exceptional for a single melon to spoil. Greatly relished by all kinds of stock and a most desirable feed, particularly in the dry season when green food is scarce. A wonderful cropper. Per oz 6d; $\frac{1}{4}$ lb 1/6; per lb 5/-; 10 lbs at 4/-

Fraserdale Improved Green Kafir Melon.—A good cropper and excellent keeper. The melons are of a longer shape as compared with the Mammoth White and either green or white mottled in colour. The seed is saved from green melons only but as both colours are common to the original strain, they revert to some extent. Gives immense crops in spite of heat and drought. Per oz 6d; $\frac{1}{4}$ lb 1/6; per lb 5/-; 10 lbs at 4/-

Monketaan.—Similar to Kafir Melon in many respects; mottled green and white, round in shape and of large size. This melon is now becoming very popular, particularly in the Eastern Province. Feeding value said to be exceptional. Heavy cropper. Per oz 6d; $\frac{1}{4}$ lb 1/6; 5/- per lb; price for large quantities on application.

Connecticut Field Pumpkin.—Splendid for stock feeding, large, round, and of an orange-yellow colour; a good yielder. Per oz 6d; $\frac{1}{4}$ lb 1/6; 1 lb 5/-; 10 lbs at 4/6.

Virginia Mammoth Pumpkin.—A most productive variety. Grows to an immense size; oval in shape, thick-fleshed, of first-rate flavour and splendid keeping qualities. Can be kept all through the winter and used as desired. Per oz 1/-; $\frac{1}{4}$ lb 2/6; 1 lb 7/6; 10 lbs at 6/6.

Mammoth Tours Pumpkin.—A very large French variety. Pumpkins are an excellent crop, on suitable soil, for stock feeding. Likes rich soil, which should be very deeply ploughed and subsoiled as well if the best results are to be obtained. Per oz 6d; $\frac{1}{4}$ lb 1/3; per lb 4/-; 10 lbs at 3/6

Calabash for Pipe Bowls.—We offer seed from an excellent strain. Plant in rows 12/15 feet apart in poorish land so as to keep down the size. The shape can be improved by turning the gourds into the correct position, *i.e.*, with point towards the vine. Pick when colour changes from green to white. Per oz 1/-; $\frac{1}{4}$ lb 3/6; per lb 12/6. Cheap and unreliable seed of this variety should be carefully avoided. Ours is from one of the best growers in the best pipe growing district.

'Tsama.—The sweet 'Tsama of the Kalahari desert. A small round, green mottled melon on which stock and travellers depend for water and nourishment in the desert when other resources give out. The seed is most difficult to obtain and we are not always in a position to supply, but orders placed with us will be dealt with in rotation when supplies are available. Per oz 6d; $\frac{1}{4}$ lb 1/6; per lb 5/-; 10 lbs at 4/6

Osona, G.S.W.A.

I am pleased with the Seeds, also the prompt attention. I will recommend your firm to my many friends.

A client at King William's Town writes:—The Buckwheat is growing splendid.

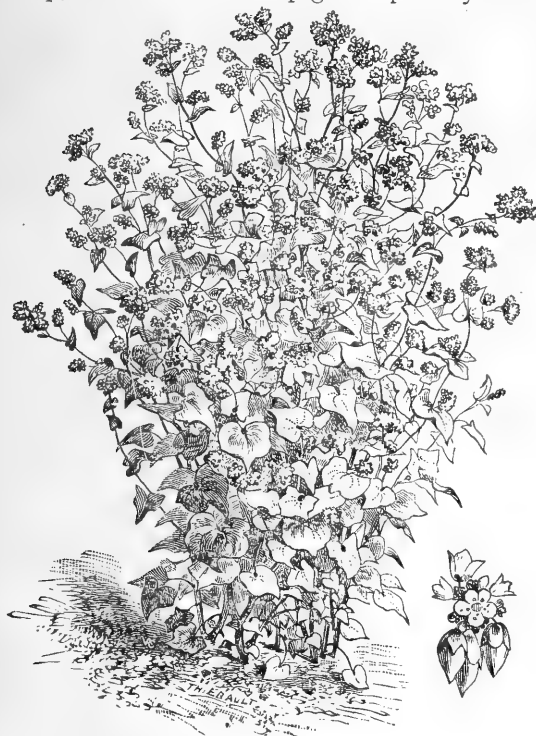
Five per cent. can be deducted if cash is sent with the order.

Agricultural Seedsmen.

Miscellaneous Forage Plants.

Buckwheat (*Polygonum Fagopyrum* L.)—This is an excellent green crop, and is useful for pig and poultry feed. There is nothing better for cleaning

foul land; it grows thick and very rapidly and renders the land friable and ready for the reception of a permanent crop. It is one of the finest honey producing plants. Quantity required for an acre, 1 bushel (50 lbs to a bushel). Sow when danger from frost is over.



BUCKWHEAT.

Silver Hulled.—Much earlier than the old common variety; continues longer in bloom and yields much larger crop. Per lb 9d; 25 lbs 12/6; 50 lbs 20/-; 100 lbs 30/-

Japanese.—Matures a week earlier than the silver hulled, is a heavy cropper and possesses all its good qualities. Per lb 9d; 25 lbs at 13/6; 50 lbs for 25/-; 100 lbs 40/-

Common Buckwheat.—Per lb 6d; 25 lbs 4/-; 50 lbs 7/6; 100 lbs 13/6

Sacaline (*Polygonum Sachalinense* F. Schmidt).—Hardy perennial, native of the island of Saghalin, between Japan and Siberia. It grows well on the poorest soils, and endures the extremes of heat and cold. Can be cut two or three times in the season. The stems and leaves, which are very nutritious, are eaten either green or dry by cattle and sheep, and much relished. Trial packet 1/-; per oz 2/6

Rib Grass (*Plantago lanceolata* L.)—This is a valuable forage plant and is much favoured for sheep's pasture, particularly in Griqualand East and similar districts. It is particularly adapted for dry pastures, and poor lands; its young growth is much relished by sheep, and is highly nutritious. 2 lbs of seed per acre will be enough with other grasses, or 20 lbs if sown alone. Per lb 9d; 25 lbs 10/-; 100 lbs 30/-

Sheep's Burnet (*Poterium sanguisorba* L.)—A deep rooting perennial herb of the rose family, about 12 inches high, hardy and somewhat drought resistant and adapted to dry, sandy and calcareous soils. Most useful in mixtures for sheep's pasture. Use 30 lbs per acre if sown alone. Per lb 1/3; 25 lbs at 1/-; 100 lbs 90/-

Sheep's Parsley (*Carum petroselinum* Benth.)—A biennial herb, most desirable in pastures for sheep, horses or cattle. It is claimed that parsley is a preventive of some kidney and liver troubles of stock and of additional value on that account. Per lb 1/6; 25 lbs at 1/3; 100 lbs at 1/- per lb.

C. Starke & Co., Ltd., Mowbray, Cape

Cotton.

(*Gossypium* sp.)

Cotton growing, though still practically in the experimental stage, is likely to become more and more profitable as experience is gained regarding the best methods of cultivation. We offer some excellent varieties at favourable rates.

Georgia Sea Island (Long Staple).—Per lb 1/3; 25 lbs at 1/-; 100 lbs 90/-

St. Croix Sea Island.—Per lb 1/-; 25 lbs 15/-; 100 lbs 52/6

St. Vincent Sea Island.—Per lb 1/-; 25 lbs 15/-; 100 lbs 52/6

Barbados Sea Island.—Per lb 1/3; 25 lbs at 1/-; 100 lbs 90/-

Egyptian Iwanowitch.—One of the best of the Egyptian varieties. Per lb 1/-; 25 lbs 12/6; 100 lbs 40/-

Egyptian Mit-Afifi (Long Staple).—Per lb 9d; 25 lbs 10/-; 100 lbs 30/-

Egyptian Abassi (White Medium Staple).—Per lb 9d; 25 lbs 10/-; 100 lbs 30/-

Toole American.—The Toole Cotton has given the very best and most satisfactory results as an early, large-yielding cotton. It is early to mature, easily picked, large limbed, and is covered with fruit to the top. It is a comparatively new variety, and promises to become one of the most valuable kinds in cultivation. It was placed 'Number One' in a test of twenty-four varieties at the Georgia Experiment Station. It will yield, under favourable conditions, two bales to the acre, and from 40 to 45 per cent. of lint. Per lb 1/-; 25 lbs 12/6; 100 lbs 40/-

Simpkin's Prolific American.—The best and most productive early cotton grown; ninety days from planting to boll. It has produced as much as three bales per acre, averaging 40 per cent. lint, and in tests made at the Arkansas Experiment Station it averaged first out of twenty-eight varieties tried. Per lb 1/-; 25 lbs 12/6; 100 lbs 40/-

Allen's Long Staple American.—One of the best and most productive of the long-staple varieties. Per lb 1/-; 25 lbs 12/6; 100 lbs 40/-



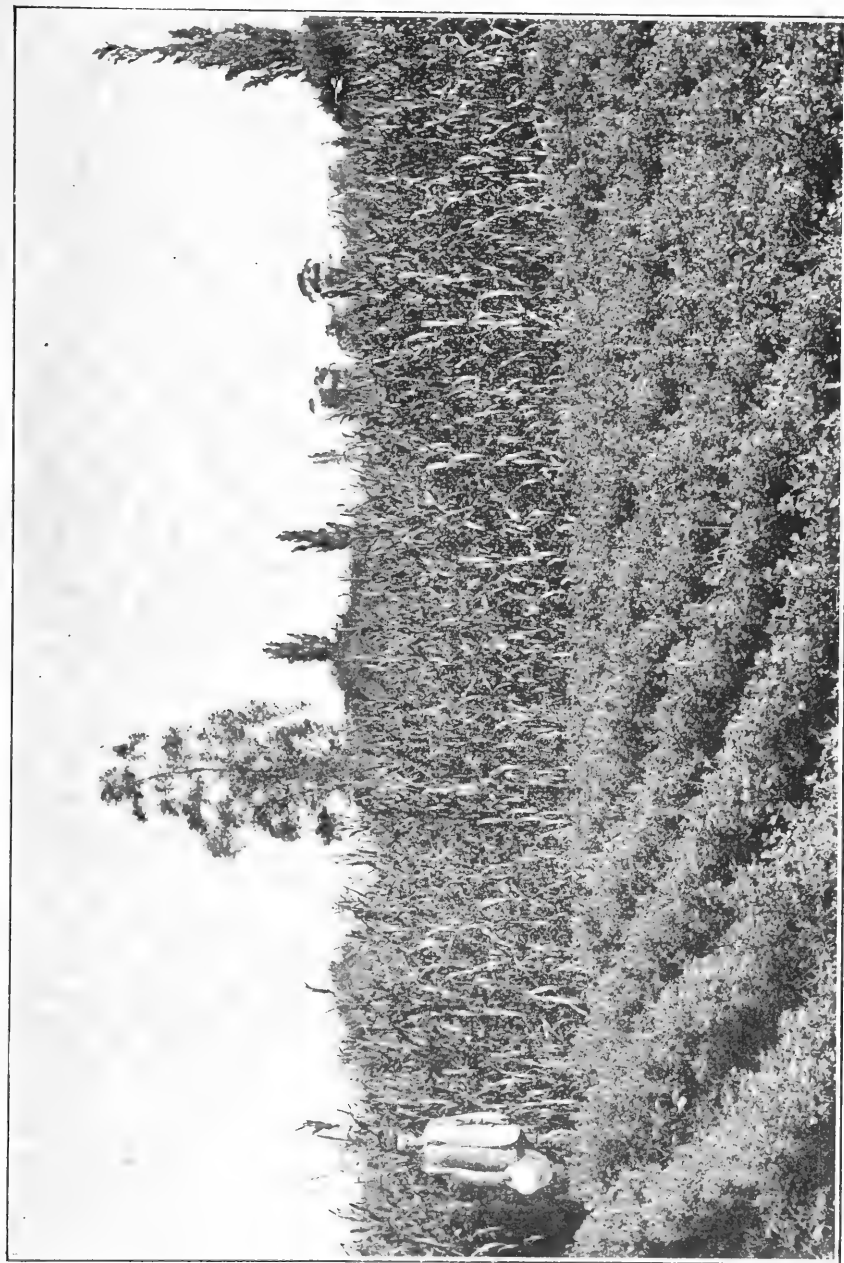
RIGA FLAX.

Flax.

It is questionable whether this plant can be profitably grown here for the fibre under present conditions, but as the seed has such a high feeding value and is so generally useful, the crop should receive much more attention than it does.

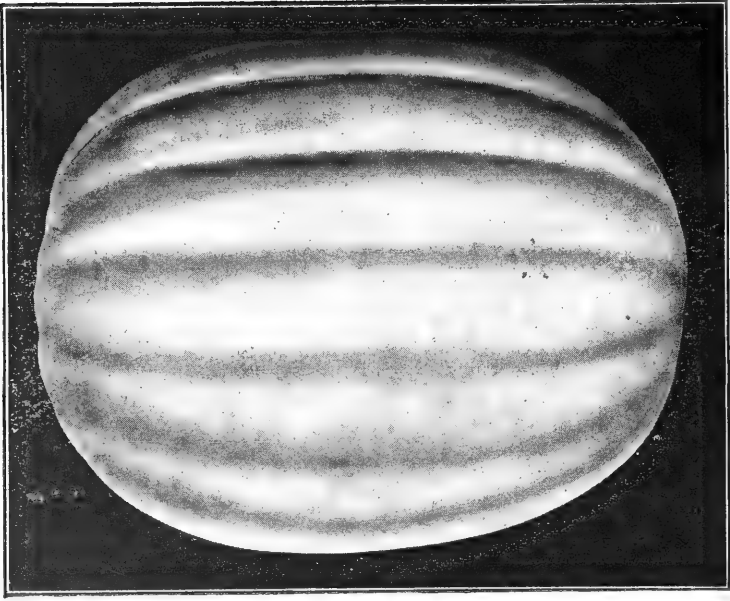
Common Flax.—Per lb 6d; 25 lbs 10/-; 100 lbs 35/-

Riga Flax.—Per lb 9d; 25 lbs 15/-; 100 lbs 50/-



STARKE'S SEEDS AT LOVEDALE.

Provençe Lucerne with Pearl Millet in the background.



Virginia Mammoth Pumpkin

(Pages 30 & 63)



Medicago Arborea

The True Tree Lucerne

(Page 11)

Agricultural Seedsmen.

High Grade Tobacco Seeds

The growing importance of Tobacco Culture in various parts of South Africa has induced us to add a number of varieties to our selection and this now includes some of the choicest kinds of **Virginian Cigarette Tobaccos** as well as several **Turkish Varieties**. We feel convinced that some of these varieties will be found as great favourites here as they are in the countries of their origin. The Virginian varieties have all been obtained from the most reliable source in that State.

Cigarette Varieties.

Turkish Varieties :—

Turkish Cigarette.—Per oz 3/-; $\frac{1}{4}$ lb 10/-; per lb 30/-

Turkish Cigarette (Extra Fine).—Per oz 4/-; $\frac{1}{4}$ lb 12 6; per lb 40/-

Turkish Bafra.—Per oz 3/-; $\frac{1}{4}$ lb 10/-; per lb 30/-

Turkish Samsum.—Per oz 3/-; $\frac{1}{4}$ lb 10/-; per lb 30/-

Turkish Soulook.—Per oz 5/-; $\frac{1}{4}$ lb 18 6; per lb 70/-

Virginian Varieties :—

Virginia Oak Hill Yellow.—Resembles White Burley in colour and Oronoka in shape and habit. Unsurpassed in delicacy of fibre. Per oz 2 6; $\frac{1}{4}$ lb 8 6; per lb 30/-

Improved Hester.—Has a fairly long leaf of medium width, and cures bright. Adapts itself over a wider range of soils and climates than any other variety. Per oz 2 6; $\frac{1}{4}$ lb 8 6; per lb 30/-

Improved Long-Leaf Gooch.—Has a long tapering leaf of fine texture, and makes fine bright tobacco. Succeeds on light or sandy soils. Per oz 2 6; $\frac{1}{4}$ lb 8 6; per lb 30/-

Improved White Stem Oronoko.—Makes a bright leaf of good width and length. Best adapted to a light gray or sandy soil. Per oz 2 6; $\frac{1}{4}$ lb 8 6; per lb 30/-

Raglands Conqueror.—One of the best bright tobaccos. Of a beautiful oval shape. Best suited to gray or sandy soils overlying yellow clay. Per oz 2 6; $\frac{1}{4}$ lb 8 6; per lb 30/-

Improved Yellow Oronoko.—Cures easily a bright colour, or can be cured for dark filler. It has a good width and fine length of leaf. Does best on light gray soil overlying yellow clay. Per oz 2 6; $\frac{1}{4}$ lb 8 6; per lb 30/-

Cigar Varieties.

Turkish (Cigar variety).—Per oz 2 6; $\frac{1}{4}$ lb 8 6; per lb 30/-

Sterling.—The newest and the brightest of the yellow type, and the earliest to ripen. Per oz 3/-; $\frac{1}{4}$ lb 10 6; per lb 35/-

Brazilian American.—Makes excellent cigars, and is a delightfully aromatic pipe-smoking tobacco. Per oz 3/-; $\frac{1}{4}$ lb 10 6; per lb 35/-

Honduras.—A new mahogany variety, producing the very highest quality tobacco of this type. A healthy and vigorous grower. Per oz 2 6; $\frac{1}{4}$ lb 8 6; per lb 30/-

Sumatra.—The finest of all for cigar wrappers. Per oz 4/-; $\frac{1}{4}$ lb 13 6; per lb 48/-

Connecticut Seed-Leaf.—The popular sort, used for cigar wrappers. Leaves not very long, but of good width. Grown all over the United States. Per oz 1 6; $\frac{1}{4}$ lb 5/-; per lb 18 6

Vuelta De Abajo.—The finest, silkiest and highest flavoured Havana tobacco grown. To produce it to perfection the land must be rich and comparatively fresh. Per oz 2 6; $\frac{1}{4}$ lb 8 6; per lb 30/-

C. Starke & Co., Ltd., Mowbray, Cape

Sorghums and Millets

FOR GREEN FODDER.

Most useful forage plants, producing heavy crops on any well-worked average soil during the hottest months, and on rich alluvial land yield enormous crops. Can either be cut green for fodder or ensilage, or ripened and cut into chaff.

Long Brush Evergreen Broom Corn.—One of the tall growing varieties of broom corn. Does well here, giving a good brush; if grown for brooms, should be sown in drills 3 to 3½ feet apart. For fodder it may be sown somewhat closer. Should be cut early for fodder of which it gives a good crop, and, like all Sorghums, will give several cuttings. Per lb 9d; 25 lbs for 12/6; 100 lbs 45/-

Shallu Sorghum.—A slender Sorghum, growing 5 to 7 feet high, with rather small leaves. It is a non-saccharine variety of Indian origin and is also known as Egyptian Wheat. Per lb 9d; 25 lbs 12/6; 100 lbs 45/-

Planter's Friend Sorghum.—A saccharine variety and a great favourite in Australia. Does well here. Fairly tall and stout, growing to 7 ft. or more. Per lb 9d; 25 lbs for 12/-; 100 lbs 40/-

Early Amber Cane Sorghum.—Saccharine. Height about 7 feet. An excellent sort for green fodder. Per lb 9d; 25 lbs for 10/6; 100 lbs 35/-

Sorghum Saccharatum or "**Imphee.**"—A black-seeded saccharine variety of excellent quality, giving good broad leaf and a rapid and luxuriant grower. One of the best for green fodder. Per lb 9d; 25 lbs for 12/-; 100 lbs 40/-

Sugar Drip Sorghum.—In addition to its value for making syrup, the Sugar Drip Sorghum is a most valuable kind for sowing thickly for fodder or ensilage purposes and makes a large yield and most nutritious crop of feed. Per lb 9d; 25 lbs 10/6; 100 lbs 35/-

Red Kafir Corn.—Also an excellent Sorghum to grow as a green fodder, being a rapid and luxuriant grower, and if cut before flowering will give several good cuttings. It does remarkably well in this district for the above purpose and also seeds freely if left. Per lb 6d; 25 lbs for 3/6; 100 lbs 12/6; per sack of 200 lbs 22/6 (Price variable).

White Kafir Corn.—Per lb 6d; 25 lbs for 3/6; 100 lbs 12/6; per sack of 200 lbs 22/6 (Price variable).

Hungarian Millet.—This is only recommended for sowing on good low grounds or rich soils. Sown on this class of soil, it makes a very superior hay and considered equal in nutritive qualities to Timothy hay. For light soils it does not make as large-yielding crop as the German millet. Per lb 9d; 25 lbs for 12/6; 100 lbs 45/-

Very Early Caucasian Moha (new).—An extremely early variety; one of the Foxtail Millets. Flowers in six or seven weeks from planting, but so far as our trials go, does not give a very heavy crop as green fodder. Probably useful for a very quick catch crop. Per lb 9d; 25 lbs for 15/-; 100 lbs 55/-

"Kudu" Seeds are the Seeds that grow.

Agricultural Seedsmen.

Boer Manna.—Largely grown in the Transvaal both for the seed and as a fodder crop. Per lb 9d; 25 lbs at 7d; 100 lbs 50/-

German Millet.—German Millet makes a large-yielding and most nutritious haycrop, quick growing and easily cured. It requires, however, to be seeded thickly—not less than one bushel per acre—and the crop should always be cut while in bloom, before the seed hardens in the head. If the seed is allowed to form, the stalk gets hard, and it does not make nearly as good quality hay, and at the same time it is more exhaustive to the land. Do not sow too early, as it does not grow off well until the soil and weather get warm. It matures its crop in from 6 to 8 weeks after seeding. Per lb 9d; 25 lbs 10/6; 100 lbs 35/-

Red Siberian Millet.—Larger and more leafy than Hungarian and German. Per lb 9d; 25 lbs 12/6; 100 lbs 45/-

Golden Millet.—A variety very largely cultivated in America. Per lb 9d; 25 lbs 12/6; 100 lbs 45/-

Golden Manna or Italian Millet (*Panicum italicum* L.)—Per lb 9d; 25 lbs 12/6; 100 lbs 45/-

Japan Barnyard Millet (*Panicum Crus-galli* L.)—One of the most useful of the Millets as a fodder crop. We have received numerous good reports of this variety, particularly from Frenchhoek, where it is being grown with great success. It is a quick grower and makes nutritious hay, or can be fed in the green state when it is greatly relished by all stock. Per lb 9d; 25 lbs for 15/-; 100 lbs 50/-

N'Youte or Pearl Millet (*Pennisetum typhoideum* Rich. syn. *Pennisetaria spicata*, *Pennisetum spicatum*).—A vigorous grower, yielding an immense crop of green fodder in the hottest summer months. Not quite equal, in quality as a fodder, to Japan Barnyard, yet greatly relished by stock and, if cut before flowering, it is an excellent feed. The stems must not be allowed to harden too much, otherwise there is a great deal of waste. We cannot too strongly recommend this variety, as it will give several cuttings if treated as above indicated, and we doubt if a greater weight of good fodder can be obtained from any other Millet, excepting possibly the Early Pearl mentioned below. Per lb 6d; 25 lbs for 4/-; 100 lbs 12/6; 200 lbs 22/6

Early Pearl Millet.—Same as the above, but an early strain, fit for cutting about two weeks earlier than the N'Youte. The best variety for a quick crop. Per lb 9d; 25 lbs for 12/6; 100 lbs 45/-

Teosinte.

Euchlaena Mexicana Schrad. Syn. *Reana luxurians* Dur.

A splendid forage plant and for the warmer parts of the country is without an equal. In appearance it somewhat resembles maize, but the leaves are much longer, broader and sweeter. It grows 10 to 12 feet high, producing a large number of shoots, which are thickly covered with heavy foliage. Eighty-five stalks have grown from one seed and it produces as much as 40 tons to the acre. Soak overnight in boiling water and plant as you would maize. Three pounds of seed will plant an acre. See illustration. 6d per oz; 2/6 per lb; 25 lbs at 1/6; 100 lbs at 1/3 per lb.

“ Kudu ” stands for the Highest Quality.

CEREALS.

Owing to our intimate acquaintance with all the best growers in the grain growing districts of the Western Province, we are enabled to secure, each season, the very best samples of all the well known cereals grown in these parts and, in addition, we import from all countries such as Sweden, France, England, America, Australia and New Zealand, all the varieties emanating from such sources that have been found of value in various parts of South Africa. We offer only good selected seed, true to name, and well cleaned.

Selected Seed Maize

(*Zea Mays* L.)

Most of the varieties mentioned below are imported from America, although some are from Australia and one or two from Southern Europe. All are of the best quality. Supplies are limited, however, and we advise intending purchasers to place their orders early as it is not possible to get repeat shipments the same season when any variety has been sold out.

Imported Varieties.

Blount's Prolific.—This remarkably prolific variety was introduced by Prof. Blount, who, starting with two ears to the stalk, has succeeded in improving it so as to produce from three to six ears. It is a large-yielding white variety of flinty nature, making excellent meal. Reports from Texas and Alabama Experiment Stations rank this as one of the largest yielding of field varieties for the South. For late planting it has no superior. It is of quick growth, matures up well, and yields splendidly. Blount's Prolific also makes a first-class ensilage corn. Per lb 6d; 25 lbs at 4d; 100 lbs 30/-

Boone County.—The Boone County Corn was originated and bred by one of the most careful and scientific corn growers in the West (America). This variety is highly recommended for an early-maturing, large-yielding variety for good light loam soils. The ears contain from 18 to 24 rows, and are well filled from butt to tip. It has white cobs of medium size, the kernels are creamy white, very deep, with fine large germ. The depth of kernel always insures a large percentage of shelled corn. Foliage is abundant, leaves thick and succulent, and it makes excellent fodder. Has a good strong-growing stalk, which stands up well. Per lb 6d; 25 lbs at 4d; 100 lbs 30/-

Champion White Pearl.—Large grain, 14 to 18 rows; ripens in 95 days; white dent. Per lb 6d; 25 lbs at 4d; 100 lbs 25/-

King of the Earlies.—A dent variety; per lb 6d; 25 lbs at 4d; 100 lbs 25/-

NOTE.—In offering these varieties of **Imported Seed Maize** we do not for a moment claim that they are superior in quality of seed to the best South African grown samples, for we are convinced that even better quality can be produced here; yet all growers are not sufficiently careful to prevent crossing, and change of seed is frequently necessary so that the seed we are importing is sure to find its place among careful growers with consequent benefit to the local strains. Scientific methods in maize breeding have been longer in vogue in other countries than here, consequently there must be considerable benefit to be derived from the greater degree of fixity of type undoubtedly possessed by many of these imported varieties.

To avoid errors please use our printed order form.

C. Starke & Co., Ltd., Mowbray, Cape

Thoroughbred White Flint.—Its suckering habit, broad blade and small stalk make this variety very valuable for fodder and ensilage. Also known here as **Manifold**. Per lb 6d; 25 lbs at 4d; 100 lbs 25/-

Marlboro Prolific.—Imported from Texas. White dent. Per lb 6d; 25 lbs at 4d; 100 lbs 30/-

Golden Beauty.—Large grain, small cob, very productive; yellow dent. Per lb 6d; 25 lbs at 4d; 100 lbs 25/-

Leaming Early.—Large, deep grains; bright yellow, dent. Per lb 6d; 25 lbs at 4d; 100 lbs 25/-

Sweet Fodder.—An excellent fodder variety and also splendid for the table; delicious flavour. Per lb 8d; 25 lbs at 5d; 100 lbs 35/-

Long White Flint or **Sanford.**—Large, 8-rowed. Per lb 6d; 25 lbs at 4d; 100 lbs 25/-



A PATCH OF MAIZE FOR GREEN FODDER.

Quarantine of Naples.—An exceedingly early variety, surpassing Cinquantina in this respect. Yellow flint. Per lb 6d; 25 lbs at 4d; 100 lbs 25/-

Cinquantina.—An early variety. Does not grow to a very large size, but useful for a quick crop. The grain is very small and excellent for poultry or pigeons. Per lb 6d; 25 lbs at 3d; 100 lbs 20/-

Golden Dent Early.—Yellow dent; per lb 6d; 25 lbs at 4d; 100 lbs 25/-

Chester County Mammoth.—Yellow dent; per lb 6d; 25 lbs at 4d; 100 lbs 25/-

White Cap Yellow Dent.—The name describes it. Per lb 6d; 25 lbs at 4d; 100 lbs 25/-

Hickory King.—Large grain, small cob; white dent; late. Per lb 6d; 25 lbs at 4d; 100 lbs 25/-

Iowa Silver Mine.—Large white grain, dent, white cob; said to ripen in 100 days. Per lb 6d; 25 lbs at 4d; 100 lbs 25/-

Pride of the North.—Very large ears; yellow dent. Per lb 6d; 25 lbs at 4d; 100 lbs 25/-

Early Yellow Canada.—Very early yellow flint. Per lb 6d; 25 lbs at 4d; 100 lbs 25/-

C. Starke & Co., Ltd., Mowbray, Cape

Varieties which took prizes in the Big King Corn Exhibit at the Virginia State Fair in 1909.

PARKINSON YELLOW

This variety has taken both the single-ear and ten-ear first prizes in the King Corn Contest at the Virginia State Fair, and attracted universal attention by its fine appearance. Mr. W. C. Parkinson, the grower of this variety, claims that it is the most prolific yellow maize in cultivation and will turn out more to the acre than any other. It is a quick maturing variety and cures up well and is excellently adapted for either early or late planting. The ears are large in size, well filled out to the tip, grains deep and containing a large percentage of protein, and it is likely to prove one of the best and most satisfactory of the yellow varieties. Per lb 8d; 25 lbs at 5d; 100 lbs 35/-

PARKINSON SILVER

A fine type of upland maize which has taken the second prize for acreage yield in the King Corn Contest at the Virginia State Fair. It is a fine product of highly bred maize, a great many ears in this showing a perfect type of development. It is medium early in maturity, grows tall, making a fine, long fodder; makes large sized ears, deep grains, shelling a very high percentage of grains. A fine feeding maize and also makes a very high grade of meal. It stands dry weather remarkably well, and is one of the most promising white field varieties in cultivation. Per lb 8d; 25 lbs at 5d; 100 lbs 35/-

South African Grown Varieties.

We are careful to obtain seed from the best and most reliable growers only so as to be assured that proper precautions have been taken to prevent cross fertilization. The varieties offered below have all met with great success in this country.

Improved Eureka.—Yellow dent; plump grain of a rich golden colour. The plant is robust with large, well-developed leaves; grows to a height of 7 to 12 feet. Cobs red, from 10 to 14 inches long with 14 to 26 rows of well packed grain. The great merits of this breed of maize are its early maturity, drought resistance and heavy yield. The seed we are offering under this name is specially grown for us by one of the best South African growers, the cobs are all selected and carefully butted and tipped. Per lb 6d; 25 lbs at 4d; 100 lbs 25/-; per sack of 200 lbs 40/-. Order early.

Eureka.—Ordinary good seed of this variety we can supply at 27/6 per bag of 200 lbs and per lb 6d; 10 lbs 2/-; 25 lbs 4/6; 100 lbs 15/-

Chederton Red Cob.—One of the finest yellow varieties. Produces cobs of immense size and is a prolific yielder. Per lb 6d; 10 lbs 2/-; 25 lbs 4/6; 100 lbs 15/-; per sack of 200 lbs 27/6

Golden King Yellow.—An excellent yellow flint variety. Per lb 6d; 10 lbs 2/-; 25 lbs 4/6; 100 lbs 15/-; per sack of 200 lbs 27/6

Hickory King.—We regularly secure seed from one of the finest strains of this popular variety. Per lb 6d; 10 lbs 2/-; 25 lbs 4/6; 100 lbs 15/-; per sack of 200 lbs 27/6

Chester County Mammoth.—A yellow dent variety. Per lb 6d; 10 lbs 2/-; 25 lbs 4/6; 100 lbs 15/-; per sack of 200 lbs 27/6

The following South African grown sorts are offered at a cheap rate for growing green fodder on a large scale:—

Flat White.—Similar to Hickory King. Per sack of 200 lbs 16/- (Price variable).

Round Yellow.—Per sack of 200 lbs 16/- (Price variable).

Agricultural Seedsmen.

Seed Wheat.

(*Triticum sativum* Lam.)

Rust resistancy is probably the most important point to be considered when making a selection of varieties of Seed Wheat, and the selection is rendered the more difficult because of the extreme variability of this feature in different districts. Wheat that is practically unaffected in one district often goes down badly to rust in another, and the whole question bristles with difficulties and uncertainty. It is probably safe to say, however, that, as a general rule, varieties which withstand rust in the Western Province Districts are also rust resistant to an equal extent in other districts; at least from long continued observation we have found it usually to be so. It follows that wheat from these districts (that is, varieties which are successful in these districts) is the best for growers in other districts to obtain for seed. Our intimate acquaintance with the Western Province and all the best growers here places us in a most advantageous position for securing all the best varieties grown in these parts.

The **cleaning** and **grading** of all grain for seed purposes can now be efficiently carried out both at our Mowbray premises and at our Moorreesburg Branch as we have erected up-to-date **Seed Cleaning Machinery** at both places. We are therefore thoroughly equipped in this respect and the seed sent out by us is not only carefully selected, but thoroughly **cleaned** and **graded**. Immature and unsound grains are thus removed and our clients pay only for the good clean and plump seed of which a very high percentage will germinate. We feel that careful growers will readily appreciate the difference in value thus obtained and realize that what we are offering is far superior to ordinary farm-cleaned seed.

Cape Varieties.

Long Eared Rieti.—Probably the most rust resistant variety yet introduced. Most of the seed now being offered has originated from importations that were made 14 and 16 years ago, and these old standing strains are generally recognised to-day as the most reliable seed that can be sown. We secure, each season, the best samples from these old strains which continue to give such excellent results. Per lb 6d; 25 lbs for 4/6; per 100 lbs 15/-; per bag of 200 lbs 22/6; larger quantities, price on application.

Gluyas Early.—A beardless white wheat of excellent quality and a good yielder. This variety has become a great favourite and deserves even closer attention as it is probably the most rust resistant of all varieties of white wheat yet introduced. In the principal wheat growing districts of this Province Gluyas Early now probably stands second only to Rieti in the acreage under crop and is annually gaining in popularity with every prospect of ousting that variety from the premier position on account of its superiority for milling purposes. Per lb 6d; 25 lbs for 4/6; 100 lbs 15/-; per bag of 200 lbs 22/6

Medeah.—A favourite variety in the South Western Districts of the Cape, all along the coast belt from Caledon to Port Elizabeth, where it is quite rust resistant. Per lb 6d; 25 lbs for 4/6; 100 lbs 15/-; per bag of 200 lbs 25/-

Du Toit's.—A good milling wheat, small white grain, beardless. Has been grown for a number of years in certain of the Western Province districts.

To avoid errors please use our Printed Order Form.

C. Starke & Co., Ltd., Mowbray, Cape

Per 200 lbs 25/- ; larger quantities, price on application. Experimental lots, per lb 6d ; 25 lbs 4/6 ; 100 lbs 15/-

Een Been or **Early Baard**.—A very early variety of good white milling wheat. Does not 'stool' much, hence the name "Een-Been." Often escapes rust through ripening early as it may be too far advanced to suffer if rust appears late in the season. Per sack of 200 lbs 25/- ; experimental lots, per lb 6d ; 25 lbs 4/6 ; 100 lbs 15/-

Van Niekerk's.—We have secured a few sacks of this variety. Per 200 lbs 25/- ; experimental lots, per lb 6d ; 25 lbs 4/6 ; 100 lbs 15/-

Spring Early.—We have secured a nice lot of Koeberg grown seed of this splendid variety which has done so well in that district the three past seasons. It is a heavy yielder, surpassing Rieti and Gluyas in this respect and the grain is of good quality. Per sack of 200 lbs 25/- ; larger quantities, price on application. Experimental quantities, per lb 6d ; 25 lbs 4/6 ; 100 lbs 15/- Supply limited.

Australian Varieties.

(Imported Seed.)

Gluyas Early.—Described on page 39. Imported seed of this variety is regularly used by growers in the grain districts of the Cape to invigorate their strains. Per lb 6d ; 25 lbs 4/6 ; 100 lbs 15/- ; per bag of 200 lbs 26/- for re-cleaned seed. Large quantities, price on application.

Darling or **Bobs**.—Another good beardless white variety, and a good yielder. Imported seed, 200 lbs 27/6 ; 100 lbs 15/- ; 25 lbs 4/6 ; per lb 6d.

Federation.—A strong and quick grower and excellent yielder of good heavy grain. It is considered one of the heaviest yielders in Australia. Imported seed, per sack of 200 lbs 27/6 ; experimental quantities, per lb 6d ; 25 lbs 4/6 ; 100 lbs 15/- Colonial seed, 26/- per 200 lbs.

Come Back.—Similar to Bobs and very much favoured in Australia. It is a fair yielder and gives a good, strong flour. Though the grain is somewhat small, it is plump and a nice white colour. Imported seed, per sack of 200 lbs 27/6 ; experimental quantities, per lb 6d ; 25 lbs 4/6 ; 100 lbs 15/-

Jonathan.—This is also an Australian variety which has been sown here with more or less success for several years. Imported seed, per sack of 200 lbs 27/6 ; experimental quantities, per lb 6d ; 25 lbs 4/6 ; 100 lbs 15/-

Budds Early.—Another Australian variety which has succeeded in some parts of this Province. Imported seed, per sack of 200 lbs 27/6 ; experimental quantities, per lb 6d ; 25 lbs 4/6 ; 100 lbs 15/-

Miscellaneous Imported Varieties.

Pearl Spring (from Sweden).—We give the Swedish description:—"The ear is exceptionally strong for a spring wheat, firm, fairly compact and broad and with an erect habit. The glumes are particularly solid, short, drawn together at the point so that the grain is kept in position and prevented from falling out. The grain is short and broad, full and almost as round as a pearl. The plant has few shoots, but they are very strong and stiff, and at maturity the straw is yellow to the very root. It ripens fairly early and does not lodge. Yield very high for this kind of corn." Per lb 6d ; 10 lbs 3/- ; 100 lbs 25/-

Kolben Spring (from Sweden).—Earlier than Pearl, a good yielder, but more inclined to lodge than Pearl. Per lb 6d ; 10 lbs 3/- ; 100 lbs 25/-

Five per cent. can be deducted if cash is sent with the order.



Long Eared Rieti Wheat

(Page 39)



Medeah Wheat

(Page 39)



Chevalier Malting Barley

(Page 46)



Mammoth Winter Rye

(Page 48)

Agricultural Seedsmen.

Durum
Taganrow
Apulian
Nicaragua
Beloturka

Excellent varieties for Macaroni. Per lb 6d; 10 lbs 4/6; 25 lbs 10/-; 100 lbs 35/-

New Varieties.

The following varieties are mostly new to us and we are offering same for experimental purposes. Prices are necessarily high as these have to be obtained from various countries in small quantities at great expense. Many of these varieties have been obtained from Italy, others from Virginia and several from France while some also are from England. In many cases these are varieties that are receiving particular attention at present in the country of origin and in every case there is some good reason for the selection, but it is as yet impossible to give any information as to suitability or otherwise. Growers would, therefore, be well advised to try these in small quantities on the chance of striking a new variety of value under local conditions. Most of the present successful varieties have been found in this way and there is every chance for further good sorts to be found by these means.

Ratel.—This new variety, introduced by us last season, has successfully withstood rust on our farm at Moorreesburg. It is a vigorous grower and excellent yielder and ripens in about the same time as Rieti. Per lb 6d; 10 lbs 4/6; 25 lbs 10/-; 100 lbs 37/6

Bianchetta
Carosella
Majorica
Saragolla
Fucense

Some of these are likely to prove suitable for Macaroni. Per lb 6d; 10 lbs 4/6

White Marvel
Sensation
Red Marvel
Dreadnought
Little Joss

These are receiving a great deal of attention in England at present, some having given quite sensational results. Per lb 6d; 10 lbs 4/6

Red May
Leap's Prolific
Australian Red

These are mostly early varieties and thought likely to do well here. Per lb 6d; 10 lbs 4/6

Alaska Wheat.

This wonderful wheat, which bears a large and branching head with from 90 to 140 kernels each, has been the subject of much controversy in America, some claiming that it is of little value while others affirm that it is a wonderful producer and of good milling quality. The following record is claimed for it:—

"In 1904, the kernels of one head of the wheat were planted as fall wheat. The next summer, from this head, was harvested seven (7) pounds. These seven pounds, planted in the spring of the year 1906, brought forth the record yield of 1,545 pounds or at the ratio of 206 bushels to the acre. This yield was secured on approximately $\frac{1}{8}$ of an acre without any painstaking care and manipulation such as characterize extraordinary yields at experimental stations."

We have secured a small quantity of seed for experimentation so that South African growers may test for themselves the value, or otherwise, of this wheat.

Alaska Spring.—Per lb 1/6

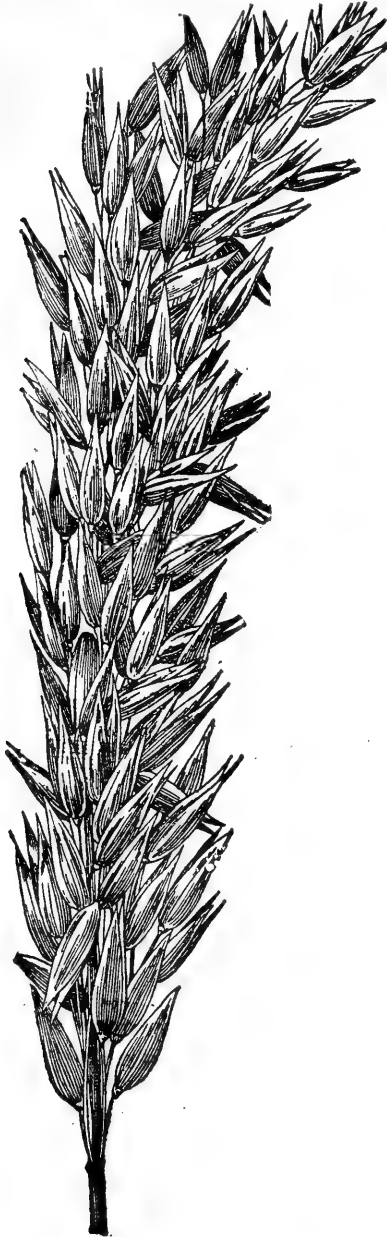
Alaska Winter.—Per lb 2/-

C. Starke & Co., Ltd., Mowbray, Cape

Seed Oats.

(*Avena sativa* L.)

Probably 90% or more of the Oats grown in the grain districts of the Western Province are of the **Algerian** type and under this term can be included such varieties as "Texas," "Appler," "Egyptian" (which is the same as "Algerian"), "River Plate," &c. During the last few years growers have depended mostly on "Algerian," but "Texas" is rapidly gaining favour as being a most productive variety and giving a good quality of Oat-hay. The grain of "Texas" also is quite equal to the "Algerian," and it is probable that this preference for "Texas" oats may develop to a still greater extent and it would not surprise us to find this variety soon equalling in total production the ordinary "Algerian."



BURT OATS

A demand has arisen for Oats of a more suitable type for the production of **Oatmeal**. For this purpose a variety with thin husk and of a whiter colour is preferred and the stouter the better. The "White Danish" gave promise of being successful at first but lately it has succumbed to rust and has thus practically disappeared so far as the Western districts of the Cape Province are concerned. To-day the "Smyrna" variety appears likely to prove valuable for this purpose. It gives a bolder grain than "Algerian" and its earlier maturity stands it in good stead in districts liable to early drought.

The **cleaning** and **grading** of Oats for seed will be carried out on similarly careful lines as with wheat. All Seed Oats will be "graded" unless a cheaper quality is specially quoted, when ordinary farm-cleaned seed will be sent. In the "grading process" a large quantity of the small grain is removed and while, to the casual observer, the sample may appear very little improved, it is in reality immensely superior to the ordinary article so freely sold for seed purposes, for by this process the Oats become regenerated through sowing the best grains and eliminating the poorer ones and many growers assure us that our seed is far less liable to smut as they affirm that the weaker grains are the ones most affected.

Our **Grading Machines** remove "Drabok" very thoroughly and while it is impossible to remove every grain of this weed, the proportion that remains is so small as to be almost negligible. In view of this we strongly advise careful growers to buy graded seed and thus prevent the spread of this undesirable plant. During past seasons samples have been offered for seed purposes

Agricultural Seedsmen.

by firms who are not equipped for the handling of seed grain, which contained an enormous percentage of Drabok, and a few years continuous sowing of such seed will certainly mean an enormous increase of this undesirable weed, which, on the other hand, is quite easily checked by careful methods.

Apart from grading, we carefully avoid samples which contain an undue proportion of Drabok or foreign seeds of any kind.

If large quantities are required please write for special prices.

The grain market fluctuates daily and it is impossible to quote a fixed price at the commencement of the season when this catalogue is prepared and even the single bag prices are therefore given "subject to fluctuations."

Algerian.—A rust resistant variety, now almost universally sown in the Western grain districts of the Cape. Graded seed, per sack of 150 lbs 11/6, special prices for large quantities on application. Experimental parcels, 10 lbs 1/6; 100 lbs 8/6. Imported seed (graded), 18/6 per sack of 150 lbs; 10 lbs 2/-; 100 lbs 13/6.

Egyptian.—This is the same variety as Algerian; this name is mostly used in the Eastern Province

Texas Red Rustproof.—Similar to Algerian in type. Heavy yielder, whether for grain or hay, and rapidly increasing in popularity in the grain growing districts of this neighbourhood. Graded seed, first crop from imported, per sack of 150 lbs 13/6, special prices for large quantities on application. Experimental parcels, 10 lbs 1/6; 100 lbs 10/- Imported seed, 25/- per sack of 150 lbs; 10 lbs 2/6; 100 lbs 20/-

Smyrna.—An early variety similar in type to Algerian but quite two weeks earlier and giving a larger grain of a lighter colour. This variety has come into prominence this season on account of its heavy yield and the excellent quality of the grain. Being an early variety and thoroughly hardy it is well adapted to districts subject to early drought as it ripens earlier and consequently suffers less under such conditions. Graded seed, 17/6 per bag of 150 lbs. Experimental parcels, 10 lbs 1/9; 100 lbs 13/6. Imported seed, per lb 6d; 10 lbs 3/-; 100 lbs 22/6

American Varieties.

Bancroft Oats.—An improved strain of Georgia Rust-Proof Oats. Very highly recommended as one of the most productive oats in cultivation, equally adapted both for fall and spring sowing. It produces more oats to the stalk than other varieties and at the same time, it stools out very prolifically and is altogether one of the most productive and satisfactory sorts. The following letter is from a grower who has grown this oat on a very extensive scale in the State of Georgia:

"Farmers throughout this section will plant no other oat but the Bancroft, except in an experimental way. They seem to be better suited to our climate and other conditions than any other variety. They have been tested here thoroughly for the past ten years, and have always given perfect satisfaction. The Appler comes next; the only difference that I have been able to see was that the Bancroft was heavier and would outyield the Appler." Per lb 6d; 10 lbs 3/6; 100 lbs 30/-; per sack of 150 lbs 40/- (Imported)

Appler Oats.—The Appler Oat is a winter rust-proof oat. It is earlier to mature and is hardier than the ordinary rust-proof, makes a strong, quick-growing straw, bunchy heads, and heavy grain. It was originally intro-

It pays to consider quality in seeds.

C. Starke & Co., Ltd., Mowbray, Cape

duced by Mr. Appler, of Harris County, Georgia, who by careful growing and selection bred up this very superior oat. While originating in the State of Georgia, it has been grown to a considerable extent in other Southern States in recent years, and has proved to be one of the best and most reliable winter rust-proof oats. Per lb 6d; 10 lbs 3/6; 100 lbs 30/-; per sack of 150 lbs 40/- (Imported)

Burt Oats.—A quick-growing, prolific and sure-cropping spring oat. Per lb 6d; 10 lbs 3/-; 100 lbs 25/-; per sack of 150 lbs 35/- (Imported).

Golden Giant Side Oats.—This grand variety is especially adapted for growing on thin poor soil where most oats would hardly return the expense of the growing and harvesting. On rich soil the straw grows from four to four and a half feet high, with long well-filled heads of bright golden-yellow grains. The plants stool freely and yield abundantly. On thinner, drier soil the straw does not grow so tall, but it has been found *more productive on poor land than the branching head varieties*. Per lb 6d; 10 lbs 4/-; 100 lbs 35/- (Imported)

Danish Island.—This is said to be a very productive variety with strong, stiff straw which does not lodge. Suitable for sowing with vetches, etc. Grains plump, thin hulled and of a bright yellow colour. Often three grains in a spikelet, and distributed around the entire head. Per lb 6d; 10 lbs for 4/-; 25 lbs 8/6; 100 lbs 32/6 (Imported)

Virginia Gray Winter.—The Virginia Gray Winter Oat has proved immensely popular and satisfactory wherever it has been grown. It is the standard variety in Virginia, and there is easily ten times as much grown there as of any other kind. When sown early and having become established, it is as hardy as wheat, and will stand as much cold as that crop. It makes a good growth before winter sets in, and furnishes excellent grazing during late fall and winter and early spring without injury to the grain crop afterwards. Its turfing and stooling qualities are remarkable, and under anything like favourable conditions, it soon spreads and covers the ground with a thick heavy growth.

The yield of grain is large, and under favourable circumstances it has yielded over 100 bushels per acre. The grain is of a dark-gray colour, with distinct stripe. Per lb 6d; 10 lbs 3/6; 100 lbs 30/-; per sack of 150 lbs 40/- (Imported)

Sensation.—An American Side Oat imported for experimentation. Per lb 6d.

Swedish Varieties.

Hvitling.—The grain is large, very broad and full, thin-skinned, pearly white and quite beardless. The shoots are abundant, the straw of middle height and very strong. It ripens medium early, at about the same time as "Propsteier" Oats. The yield is one of the highest known.

This kind is not at all fastidious with regard to the nature of the soil and will thrive well even on light or sandy soil. Owing to the prime quality of its grain, it is much in demand by oatmeal manufacturers. Per lb 6d; 10 lbs 3/6; 100 lbs 25/- (Imported)

White Propsteier.—The grain is shorter and fuller than Beardless Propsteier, without the empty point, well formed and plump, of pure white colour and with slight awns. It ripens at the same time as Beardless Propsteier. Per lb 6d; 10 lbs 3/6; 100 lbs 25/- (Imported)

Good Seed is Cheap at a Good Price.

Agricultural Seedsmen.

Beardless Propsteier.—The grain is large, it runs to a long point, which is empty, but the rest of it is plump and full, deep yellow, beardless. The shoots are abundant. It ripens fairly early and has a very good yield. Per lb 6d ; 10 lbs 3/6 ; 100 lbs 25/- (Imported)

Formalin Treatment for Smut.

The Formalin treatment for smut is simple and effective and does not affect the germination of the seed. We believe farmers will find this much simpler and more efficacious than liming. Formalin is a liquid and can be used at the rate of 1 oz to 6½ gallons of water. This is equivalent to 1 in 1,000. The seed should be dipped in this solution for a few minutes and then allowed to remain in the wet bags overnight, being allowed to dry before sowing. In America, however, it is recommended to use the Formalin at double the above strength, but the custom appears to be to saturate the grain and allow it to remain in a heap overnight, afterwards drying same before sowing.

Seed Barley.

(*Hordeum sativum* Jessen.)

Until quite recently, very little attention has been given, in this Province, to the growing of Malting Barley, most growers being content to depend upon the "Common Six-Rowed Barley" which is unsatisfactory for Malting, though excellent for feeding purposes. It has, however, been found that the best Malting Barleys give a satisfactory return in some parts. They have been tried principally in the Robertson district, where there is every promise of further developments in the growing of such varieties.

In view of the growing importance of this matter, we give, below, some useful hints for the growing and harvesting of Malting Barley, and these should be carefully studied by intending growers.

Growing and Harvesting of Malting Barley.

The following "golden rules," published by the Board of Agriculture in England, will be found useful when growing and harvesting Barley for Malting purposes:—

1. Till the ground as early as the condition of the soil will allow.
2. Use the best, pure seed, free from smut.
3. If the seed is bought or comes from a field that shows signs of smut, it should be treated with a half per cent. solution of copper sulphate.
4. The drills should not be too far apart (6 to 8 inches).
5. Avoid sowing clover with barley.
6. The Chevalier barleys are the best, but they require very careful cultivation and good soil, and are especially sensitive to strong nitrogenous manuring.
7. Imperial barleys, therefore, should be preferred where the soil is highly nitrogenous, or where, owing to unfavourable weather the Chevalier and other sorts may be expected to suffer from "lodging" and damage to quality.
8. For dry soils, the Hanna barleys are most suitable. These barleys also deserve consideration for better soils on account of their prolific yields.
9. Brewing barleys require rich and easily assimilated stores of plant food.

Cheap seed is often dear at any price.

C. Starke & Co., Ltd., Mowbray, Cape

10. This is supplied by heavy manuring with potash salts and superphosphate. For light soils, potash is especially important. Barley should be grown after hoed crops, not after leguminous plants.

11. Great care is necessary in applying nitrogen, because nitrogen makes the barley rich in albumen, and therefore of less value for brewing purposes. The manuring and the production of the preceding crop must be taken into consideration. The application of farmyard manure should be avoided.

12. The disadvantageous effect of nitrogen on the quality may be largely controlled, to the advantage of the total yield, by heavy manuring at the right time with potash and phosphoric acid, as well as by careful cultivation. The potash should be put on early.

13. The soil should be so prepared that the spreading of the delicate roots of the barley may meet with little mechanical hindrance.

14. On all light soils the provision of moisture during growth must be secured by deep cultivation, working the soil in summer, by taking barley after hoed crops, by early seeding, harrowing, and destruction of weeds.

15. In clay soils an excess of water must be avoided by careful tillage which keeps the soil in a favourable mechanical condition; a crust must not be allowed to form on the surface.

16. The barley must be fully ripe before being harvested.

17. If the barley is quite dry, it should be carried immediately it is cut.

18. If for any reason this cannot be done, the barley must be immediately tied into sheaves, and put into stooks.

19. Care should be taken not to set the threshing machine so close as to damage the barley by breaking the skin or chipping the ends of the corn. The finer the sample of barley, the more readily is it skinned by careless threshing.

20. The greatest care should be taken in the preparation of the barley for sale, as the dressings, &c., are valueless to the brewer, but can be usefully used for fodder.

21. Barley of uniform quality should be offered for sale in as large lots as possible.

22. Damp barley must be protected from injury by drying, as, if the grain germinates, it becomes useless for brewing.

We offer the following varieties:—

Varieties Suitable for Malting.

Webbs' Kinver Chevalier.—A variety obtained from repeated selection at the Kinver Seed Farms—maintains its superiority to all other kinds in its enormous yield from thin seeding, and for excellence of grain, the latter being thin-skinned, bright, plump, and exceedingly heavy; the straw is also very superior and of good length. This remarkably fine Barley answers well on all soils, and invariably commands a higher price than other varieties, its splendid quality being much appreciated by Maltsters and Brewers. Per lb 6d; 10 lbs 4/6; 25 lbs 10/-; 100 lbs 35/-

Swedish Chevalier II.—The ear is long, narrow, loose, the grains not being pressed close together; it has a distinctly drooping habit; and it is yellow before maturity. The grain is of middle size, full, very finely formed and wrinkled, and yellow. The shoots are fairly good, the straw is weak and

See our IMPLEMENT SECTION for labour-saving tools.

Agricultural Seedsmen.

the foliage does not grow up very high. Ripens fairly early, a few days before *Princess Barley*, but a little later than *Hannchen*. The yield is good, but not quite up to that of the newer varieties. Per lb 6d; 10 lbs 3/6; 25 lbs 7/6; 100 lbs 25/-

English Chevalier.—This is the ordinary Chevalier Barley. Per lb 6d; 10 lbs 2/6; 25 lbs 5/6; 100 lbs 20/-

Webbs' New Binder.—Said to be the stiffest strawed variety yet produced, standing up well to the binder as its name implies. The grain is large, plump, mellow, and of the finest malting quality. Per lb 6d; 10 lbs 4/6; 25 lbs 10/-; 100 lbs 35/-

Webbs' Golden Grain.—An enormous cropper, having stiff clear straw, which enables it to withstand storms when other varieties are 'lodged.' The ear is long and compact, carrying from 39 to 43 large, plump grains, of beautiful colour and excellent quality, which are specially adapted for malting purposes. It is vigorous in growth, and 'stools' well. Per lb 6d; 10 lbs 4/6; 25 lbs 10/-; 100 lbs 35/-

Webbs' New Burton Malting.—Webbs' Burton Malting is distinct from any other Barley; it is very early, of robust growth, and produces heavy returns on most soils and situations. The grain which is bright in colour, plump, heavy, and thin-skinned, is of superior malting quality; straw of medium height, very stiff, and stands well until the grain is ripe enough to cut. Per lb 6d; 10 lbs 4/6; 25 lbs 10/-; 100 lbs 35/-

Princess.—The ear is relatively compact and broad, the grains are somewhat far apart and the awns outspreading. The grain is of fine texture, medium size, full, uncommonly delicately wrinkled on both sides; the colour is light yellow with a tendency to white. The shoots are very abundant, the straw is stout, of middle height and relatively stiff, foliage rich. It ripens moderately late, a few days after Chevalier. Yield, one of the highest. Per lb 6d; 10 lbs 4/-; 25 lbs 8/6; 100 lbs 30/-

Hannchen.—The ear is built very compactly for this group; the grains are not spread out but pressed close to the axis, which makes the ear narrower and firmer; it is stiff, small, carried horizontally on the straight straw, light yellow before maturity. The awn sometimes falls off. The grain is extremely finely wrinkled, very small, of good form and colour, light yellow. Per lb 6d; 10 lbs 4/-; 25 lbs 8/6; 100 lbs 30/-

Swan Neck.—The ear is short, very compact and broad, with the grains almost crosswise and the beards spread out, the straw drooping and curved at the top. The grain large, full and smooth, not much wrinkled, yellow. The plant, especially on suitable soil, is strong, the shoots are few, but the straw is very stiff and straight. It ripens earliest of all the two-rowed barleys in general cultivation. The yield is good, often very high. Per lb 6d; 10 lbs 4/-; 25 lbs 8/6; 100 lbs 30/-

Varieties suitable for "Feeding" and Green Fodder.

Swedish Six-Rowed.—This variety was obtained from Sweden in 1900 for experiment and a plot sown in the Koeberg has given an excellent yield so that we are now offering both imported and Colonial seed of this

Try a "PLANET JR." seeder to sow "KUDU" Seeds.

C. Starke & Co., Ltd., Mowbray, Cape

variety. Imported seed, per lb 6d; 10 lbs 3/6; 25 lbs 8/6; 100 lbs 27/6; Colonial seed, per lb 6d; 10 lbs 2/-; 25 lbs 4/6; 100 lbs 13/6; per sack of 150 lbs 17/6

Cape Six-Rowed.—The well known Cape variety. An excellent yielder and the variety universally grown here for feeding barley, but not recommended for Malting. Per sack of 150 lbs 13/6 Larger quantities, price on application.

Early Barley.—An early variety largely grown for early green crops. Per sack of 150 lbs 15/-; per 50 lbs 6/-

Beardless Spring Barley.—This makes a quick-growing crop of most excellent and nutritious green feed, and is growing in popularity wherever it is used. It will also make a good grain crop, although its value is as an early, nutritious forage crop, either to feed green or to cure as hay. To cure for hay, it should be cut while the grain is in a milk state. Sow 1½ to 2 bushels per acre. This comes from America and is apparently a similar variety to the Beardless Early Barley known here. Per lb 6d; 10 lbs 4/-; 25 lbs 7/6; 100 lbs 25/-

Nepal or Beardless Barley-Wheat (*Hordeum trifurcatum* Jacq).—This is an excellent variety for green fodder, especially for very early sowings. It is not a hybrid between barley and wheat as some believe, but in reality a “naked barley,” the grain being free from the glume as in the case of wheat. Per sack of 200 lbs 30/-; per 100 lbs 16/-; 50 lbs 8/6; 25 lbs 4/6 Limited supply.

Success Beardless.—The earliest Barley in cultivation. Grows about as high as common Barley, but has stiffer straw, which enables it to stand up well on any soil. It yields immensely. On good soil it has produced eighty bushels per acre. It is of excellent quality for both malting and feeding. Per lb 6d; 10 lbs 4/-; 25 lbs 7/6; 100 lbs 25/-

EMMER

THE VALUABLE NEW GRAIN FROM RUSSIA.

Matures as early as barley and grows as tall as rye, but is better feeding value than either. It is tough and hardy and stands the drought better than any other grain. It yields from forty to eighty bushels of grain and four to six tons of straw per acre. In the green state it furnishes excellent pasture. All the animals on the farm will eat it eagerly and flourish. It is as easily sown and grown as oats or wheat. Prepare the land the same as for these crops and sow at the rate of seventy-five to one hundred pounds per acre very early in the spring or fall. Do not let stand until it is too ripe, as it shells easily. Per lb 6d; 10 lbs 4/6; 100 lbs 35/-

Seed Rye.

(*Secale cereale* L.)

Spring or Early.—The variety almost universally sown in this Province. A prolific yielder. Per sack of 200 lbs 18/6; larger quantities, price on application. Small quantities, 25 lbs 3/6; 50 lbs 6/-; 100 lbs 10/-

Mammoth Winter.—Can be grown as a grazing crop, see under grasses, page 7. This variety should be sown in the autumn, not in the early spring as with our popular local variety. Per lb 6d; 25 lbs at 4d; 100 lbs 27/6

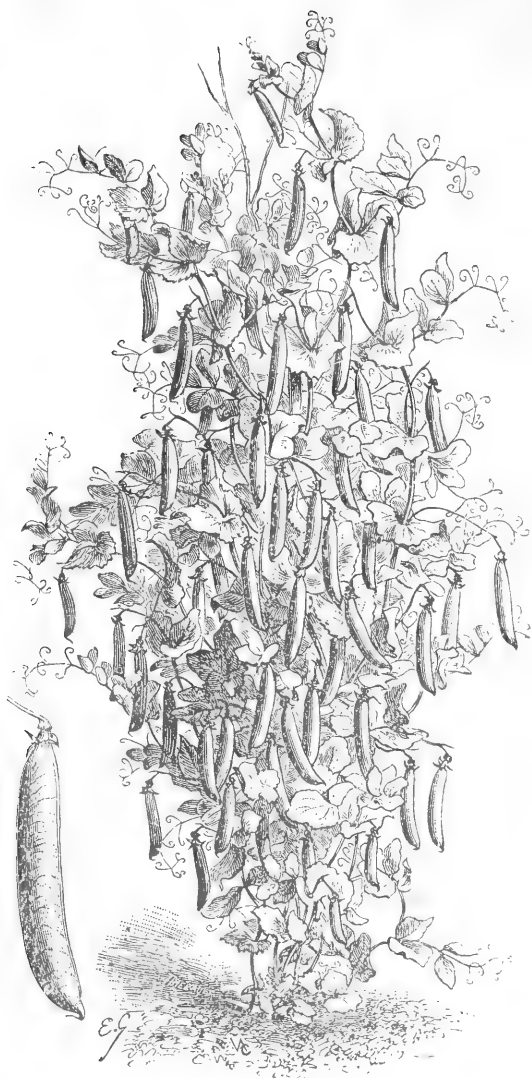
Try a “PLANET JR.” seeder to sow “KUDU” Seeds.



Bujukdere Melon



Large Algiers Cauliflower



Gradus Pea



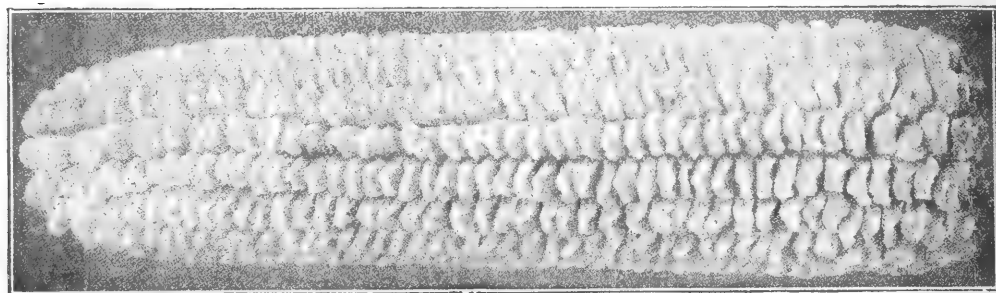
**New Zealand
Spinach**



**Melde or French
Spinach**

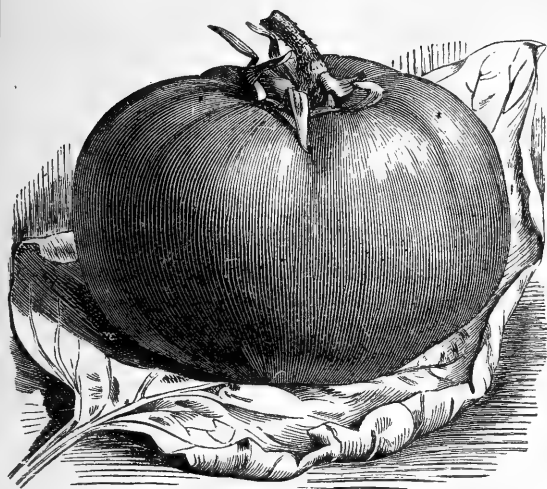


Prickly Spinach



White Evergreen Sweet Corn.

Vegetable Seeds.



**Starke's
Sixpenny
Packets
Vegetable
Seeds.**

Post free to any address in South Africa.

C STARKE & CO., Ltd., —SEEDSMEN,—
MOWBRAY, CAPE.

We pay postage on SIXPENNY PACKETS of seeds to any address in South Africa. For Rhodesia, British Bechuanaland Protectorate, and German South West, not less than twelve packets must be ordered at one time to secure this privilege. For all other parts, six packets or more may be ordered at one time.

All the following varieties are offered in SIXPENNY PACKETS and also in larger quantities as quoted:—



DWARF WHITE SCIMITAR BEAN.

Dwarf Beans.

White Canterbury.—A productive variety. Per packet 6d; per lb 9d; 5 lbs 3/6; 25 lbs at 6d

White Scimitar.—A great favourite with market gardeners. Gives fine large pods. Per packet 6d; per lb 1/-; 5 lbs 4/-; 25 lbs at 8d

White Abundance.—A prolific variety. The plant becomes literally covered with pods. Per packet 6d; per lb 1/-; 5 lbs 4/-; 25 lbs at 8d

NEGRO LONG PODDED.—A great cropper, of excellent quality. Per packet 6d; per lb 1/3; 5 lbs 5/-; 25 lbs at 9d

Five per cent. for cash with order, otherwise nett.

C. Starke & Co., Ltd., Mowbray, Cape



DWARF WHITE CANTERBURY BEAN.

Dwarf Beans (*continued*)

Canadian Wonder.—Undoubtedly the most popular variety in this country. A heavy cropper. Per packet 6d; per lb 7d; 5 lbs 2/6; 25 lbs at 5d

Port Natal.—A local variety of excellent quality. Per lb 6d; 5 lbs 2/-; 25 lbs 9/6

Zwartbekje.—Splendid for using dry. Excellent flavour. Per lb 6d; 5 lbs 2/-; 25 lbs 9/6

Black Valentine.—This is becoming more popular each season. It is very hardy, and will stand more frost and cold weather than other kinds, and consequently can be planted earlier with less risk of injury. It is quick-growing, very productive, and makes round, straight tender pods of attractive appearance, both for market and home use. We recommend this variety particularly to market growers who plant for earliest market. Per pkt 6d; per lb 1/-; 5 lbs 4/6; 25 lbs 18/9

Burpee's Stringless Green Pod.—Claimed to be hardier and will stand frost better than other early kinds, and that it is entirely stringless. It makes a round-podded snap, tender, and of excellent quality. Per pkt 6d; per lb 1/-; 5 lbs 4/6; 25 lbs 18/9

Extra Early Refugee.—Has all the good qualities of the well-known Refugee, but is ten days earlier. Very productive, and sure to produce a crop either in a wet or a dry season. A fine shipper, and fast becoming one of the most popular round green-podded snaps for both spring and summer planting. Per pkt 6d; per lb 1/-; 5 lbs 4/6; 25 lbs 18/9

Hodson Wax.—A new and distinct type of wax bean; strong, healthy growth, remarkably prolific, being loaded with long, straight, handsome pods. The pods are brittle, tender, of fine texture and splendid flavour. An excellent main crop sort for shipping and market, as well as for home use. Per pkt 6d; per lb 1/-; 5 lbs 4/6; 25 lbs 18/9

New Pencil-Pod Black Wax.—A selected type of Dwarf Black Wax, making a very desirable snap bean, both for home use and market. The pods are round and of uniform rich, yellow colour; entirely stringless, tender and of excellent flavour. It is early, very prolific, and a decided acquisition to our list. Per pkt 6d; per lb 1/-; 5 lbs 4/6; 25 lbs 18/9

Runner Beans.

Scarlet Runners.—A most popular tall growing variety producing bright scarlet flowers which are exceedingly ornamental. Per pkt 6d; per lb 1/-; 5 lbs 3/9

The finest vegetables are produced from 'KUDU' Seeds

Vegetable Seeds.

Lima Beans.

Wood's Prolific Bush Lima.—A distinct and valuable improvement over the original bush lima, makes a larger growth—so much so that at first it seems as if it would put out runners. It is, however, of the true bush form. It is a larger yielder than other bush limas, the stems being practically loaded down with pods, which are borne from early in the season continuously till frost. Also valuable as a shell bean for winter use. Per pkt 6d; per lb 1/6; 5 lbs 6/3; 25 lbs 25/-

Fordhook Bush Lima.—Stiffly erect bush form of the popular "Potato" Lima. Both pods and beans are twice the size of Dreer's Bush Lima. Of strong, erect, true bush-like growth (never prostrate or running), the bushes average 20 to 30 inches in height by 20 to 24 inches across the top. The foliage is of heavy texture and very dark green in colour. The stems that produce the blossoms are thrown out from the lateral and main stalks. The pods are borne in clusters of from four to eight, and resemble those of Dreer's Bush Lima. Per pkt 6d; per lb 1/6; 5 lbs 6/3; 25 lbs 25/-

Broad Beans.

	Per pkt	Per lb	5 lbs
Improved Harlington Windsor. —Short flat pods. An excellent cropper	6d	9d	3/-
Johnson's Wonderful. —A long podded variety, of excellent quality. A good cropper	6d	9d	3/-
Carter's Leviathan Long Pod. —Is exceedingly prolific, bearing very long pods, each containing from 8 to 10 well flavoured beans; suitable for either early, late, or main crops; being hardy, will adapt itself to any season; grows 3 to 4 feet high, and should be planted in rows 3 to 4 feet apart	6d	9d	3/-

Beet.



ECLIPSE BEET.

red variety, of excellent flavour

	Per pkt	Per 1/4 lb	1 lb
Dark Red Flat Egyptian. —A productive variety, of very fine quality	6d	1/3	4/-
Egyptian Turnip Rooted. —An excellent turnip rooted sort	6d	1/3	4/-
Eclipse Dark Red Turnip. —A very early variety, dark red, perfectly round, close grained and fine quality	6d	1/3	4/-
Early Blood Red Turnip. —A dark	6d	1/3	4/-

C. Starke & Co., Ltd., Mowbray, Cape

Hyacinth Bean.

(*Dolichos Lablab*, Linné)

An annual herb suited to high altitudes, being cultivated up to 7,000 ft. in the Himalayas. The young pods and the ripe seeds are used for culinary purposes and the whole plant can be used as a cattle food. Likes rich soil and in hot climates will ripen within three months. Per pkt 6d; $\frac{1}{4}$ lb 1/9; 1 lb 5/-

Spinach Beet.

The roots of this beet are not edible, but the leaves are used as Spinach. The broad stems also, cooked and served with white sauce, are delicious.

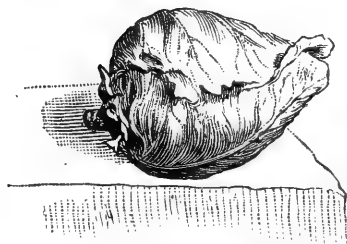
				Per pkt	$\frac{1}{4}$ lb	1 lb
Yellow Cutting	...	...	...	6d	1/6	4/-
Scarlet Ribbed Brazilian	...	...	...	6d	1/9	5/-

Brussels Sprouts.

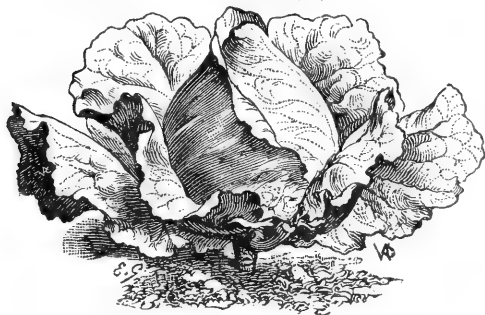
This is a delicious vegetable. Should be sown early and transplanted before the winter as it requires cold weather to bring it to perfection.

					Per pkt	oz	$\frac{1}{4}$ lb	1 lb
Dalkeith. —Of dwarf growth, producing large, solid sprouts	...	...	...	...	6d	1/-	2/6	7/6
Half Dwarf. —An excellent strain	...	...	...	...	6d	1/-	2/6	7/6

Cabbage.



WEBBS' EMPEROR.—A splendid early variety. The hearts are of good size and shape, solid and firm and of mild flavour. Per pkt 6d; per oz 1/3; per $\frac{1}{4}$ lb 4/-; per lb 12/6



Cape Spitz Kool (Krul Blaar).—This well-known variety is a very general favourite for winter growing. Large size and excellent flavour. Per lb 6d; per oz 1/3; per $\frac{1}{4}$ lb 4/-; per lb 15/-

Early Jersey Wakefield.—An early variety of medium size and a fine table sort. Per pkt 6d; per oz 9d; per $\frac{1}{4}$ lb 2/-; per lb 5/-

Robinson's Champion Drum-head.—An excellent drumhead

EARLY JERSEY WAKEFIELD CABBAGE.—cabbage of good size. Per pkt 6d; per oz 9d; per $\frac{1}{4}$ lb 1/3; per lb 4/-

Large Red Drumhead.—Per pkt 6d; per oz 9d; per $\frac{1}{4}$ lb 2/-; per lb 5/-

Large Ox Heart.—Per pkt 6d; per oz 9d; per $\frac{1}{4}$ lb 2/-; per lb 5/-

Winningstadt Early.—A heart shaped variety of excellent quality. Per pkt 6d; per oz 9d; $\frac{1}{4}$ lb 2/-; per lb 5/-

Vegetable Seeds.

Cauliflower.



VEITCH'S AUTUMN GIANT.

Veitch's Autumn Giant.—Very large and firm heads; vigorous grower, requiring plenty of room. Not an early variety, and should be sown in December and January ...

Per pkt oz $\frac{1}{4}$ lb 1 lb

6d 9d 2/6 8/6

Italian Giant.—A favourite large variety. Per pkt 6d; per oz 9d; $\frac{1}{4}$ lb 2/6; 1 lb 8/6

LARGE ALGIERS.—A very fine sort and a favourite with market gardeners. Per pkt 6d; per oz 1/6; $\frac{1}{4}$ lb 6/-; 1 lb 20/-

Early London.—An excellent early variety. One of the best for private gardens. Old favourite. Per pkt 6d; per oz 1/-; per $\frac{1}{4}$ lb 3/-; per lb 10/-

Half Early Paris or Nonpareil.
—Per pkt 6d; oz 2/-; $\frac{1}{4}$ lb 7/6; 1 lb 25/-



EARLY LONDON CAULIFLOWER.

Celery.

Solid White.—An excellent variety; large and crisp ...

Per pkt oz $\frac{1}{4}$ lb 1 lb

6d 9d 1/6 5/-

“ KUDU ” Seeds always give the best results.

Vegetable Seeds.

Chicory.

	Per pkt	$\frac{1}{4}$ lb	1 lb
Short Brunswick	6d	9d	2/-
Large Rooted Magdeburgh	6d	9d	2/-

Cucumber.

	Per pkt	oz	$\frac{1}{4}$ lb	1 lb
Fordhook Famous. —Long, straight and well-formed, vigorous grower, very productive. Does not turn yellow	6d	9d	2/6	8/6
Thorburn Everbearing. —Small-sized; very early and enormously productive, and valuable as a green pickler	6d	9d	2/6	8/6
Giant Pera. —Very long; one of the best for table use	6d	9d	2/6	8/6
New Orleans Market. —For forcing or open ground; very productive... ..	6d	9d	2/6	8/6
Noroton Improved White Spine. —Perfect in shape and very prolific	6d	9d	2/6	8/6
Japanese Climbing. —A most desirable and attractive cucumber, and a real climber. It comes into bearing quickly, and sets its fruit constantly throughout the season. The fruit is of extra quality, and of a dark green colour	6d	9d	2/6	8/6
Emerald. —Strictly an evergreen cucumber, retaining its fine dark green colour until fully ripe. It sets its fruit early, produces handsome, long, straight cucumbers of excellent flavour, tender and crisp. Without a superior for slicing	6d	9d	2/6	8/6
Yokohama Climbing. —A most beautiful late sort. The fruits are cylindrical, bright green and very slightly spined or prickly. Later, if ripe, they turn brighter, almost into wax colour. Flesh white, solid. Bears most abundantly	6d	9d	2/6	8/6
Bedfordshire Ridge. —A good hardy and prolific variety	6d	9d	2/-	6/6

Chervil.

Chervil is cultivated and used similarly to parsley. The seed may be sown in the spring in drills 12 inches apart.

	Per pkt	$\frac{1}{4}$ lb	1 lb
Curled. —The leaves are used for garnishing as well as for flavouring soups, etc.... ..	6d	1/6	5/-
Plain. —Similar to the above, but not curled	6d	1/6	5/-

“ KUDU ” BONE MANURE is best for the Garden.

C. Starke & Co., Ltd., Mowbray, Cape

Egg Plant.

Culture.—Sew early in the Spring in a warm and sheltered situation and transplant when the weather has warmed up well. The plants should be set out 30 to 36 inches apart each way.

Improved New York Spineless.—The standard; largest and best; oval, deep purple; early and productive. Pkt 6d; oz 2/-; $\frac{1}{4}$ lb 6/-; lb 20/-

Long White Chinese.—Per pkt 6d; oz 9d; $\frac{1}{4}$ lb 2/6; lb 8/6

ENDIVE.

A suitable substitute for Lettuce and should be similarly treated. Sow in February and March and transplant to rows when fit.

Moss Curled.—Per packet 6d; $\frac{1}{4}$ lb 2/-; 1 lb 6/-

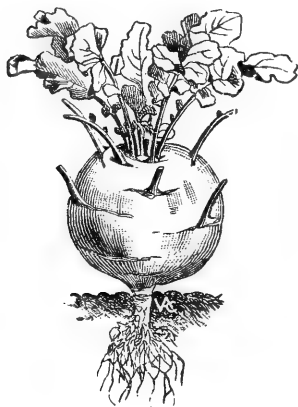
Gooseberry.

The **Cape Gooseberry** is well known on account of the excellent reputation, abroad as well as in South Africa, of the delicious jam that is made from this fruit. It is easily cultivated as the plant is quite hardy and thrives all along the Coastal Districts of this Province. The seed should be sown in early spring and the small plants pricked out into small pots or beds from which they may be transplanted, when strong enough, to the permanent position 8 feet apart each way.

		Per pkt	oz	$\frac{1}{4}$ lb	1 lb
Cape Gooseberry (<i>Physalis edulis</i>) ...	...	6d	2/-	6/-	20/-
Giant Japanese Gooseberry (<i>Physalis Francheti</i>) ...	...	6d	2/-	6/-	20/-

Kale or Borecole.

		Per pkt	oz	$\frac{1}{4}$ lb	1 lb
Curled Scotch Kale ...	...	6d	9d	2/-	5/-



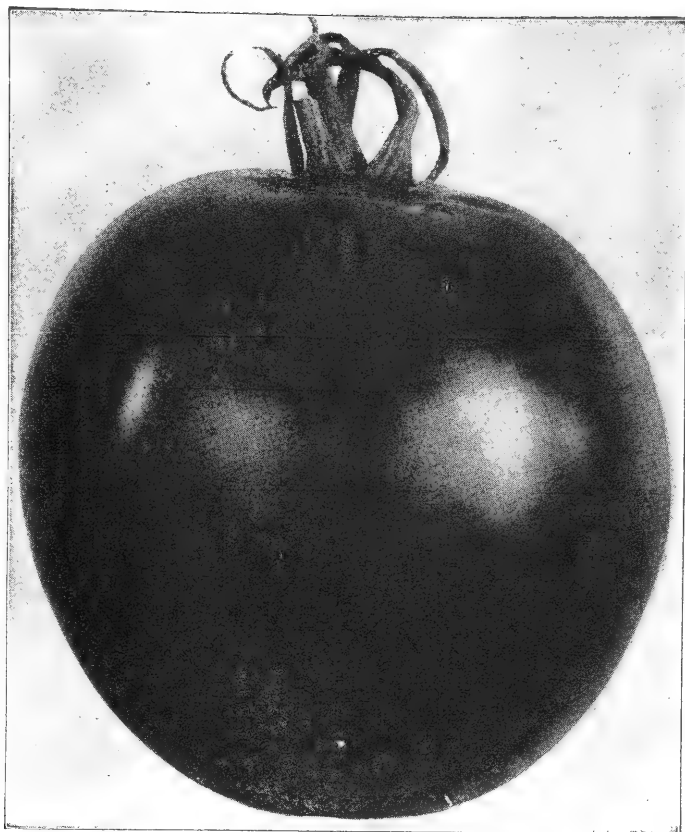
EARLY WHITE VIENNA KOHLRABI.

Kohlrabi (Knol Kool).

Early White Vienna.—Very early and of splendid quality. Per pkt 6d; oz 9d; $\frac{1}{4}$ lb 2/-; 1 lb 5/-

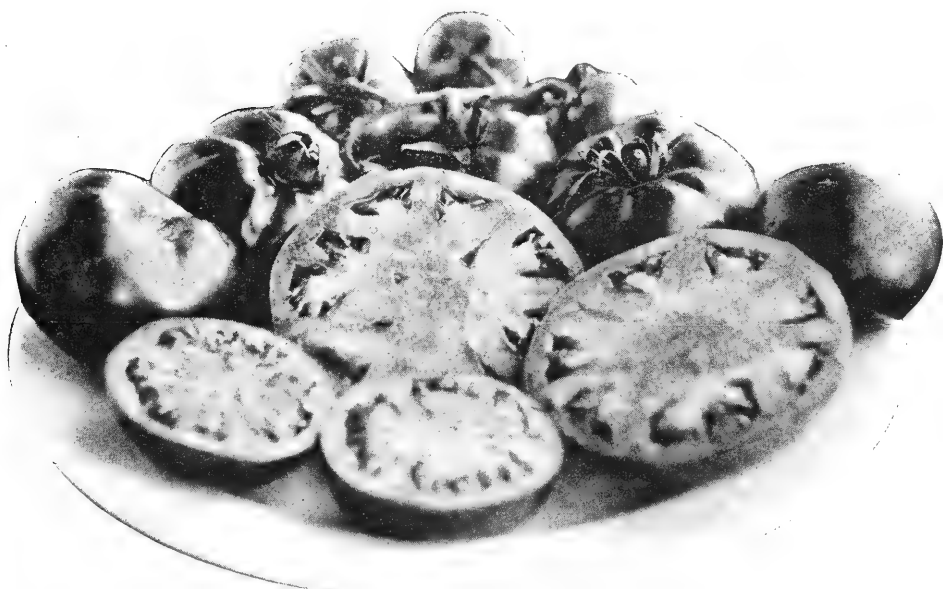
Extra Large White Goliath.—Of vigorous growth, produces very large sized bulbs; stands the drought and heat better than any other variety. Per oz 6d; $\frac{1}{4}$ lb 1/3; 1 lb 3/6

To avoid errors please use our Printed Order Form.



Livingstone's Coreless Tomato

(Page 66)



Paradise Tomato

(Page 66)



Rieti Wheat

A Rust Resistant Variety largely grown in the Western
Districts of the Cape Province.

(Page 39)

Vegetable Seeds.

Lettuce.



CURLED NEAPOLITAN LETTUCE.

All the Year Round (Black Seeded).—

A small and early variety of excellent quality. Cabbage shape. Per pkt 6d; oz 9d; $\frac{1}{4}$ lb 2/-; 1 lb 7/6

Large Parisian.—A new variety of good size and quality. Cabbage shape. Per pkt 6d; oz 9d; $\frac{1}{4}$ lb 2/-; 1 lb 7/6

	Per pkt	oz	$\frac{1}{4}$ lb	1 lb
Curled Neapolitan. —A splendid cabbage lettuce. Produces a crisp and solid heart	6d	9d	2/-	7/6
THORBURN MAXIMUM. —Large, solid, crisp and good	6d	1/-	3/-	10/6
Giant Crystal Head. —A splendid cabbage lettuce, large, solid; outside leaves bright green, inside crystal white, yellow heart, crisp, tender ...	6d	1/-	3/-	10/6
California Cream Butter. —Of distinct shape, heading up like a cabbage, and almost as solid. Colour light green, almost white; the flavour rich and buttery, and very tender.	6d	1/3	3/6	12/6
Mammoth Black Seeded Butter. —Forms large cabbage-like heads, creamy white inside, very tender and of rich, buttery flavour. A fine summer lettuce, resisting heat and drought and slow to run to seed	6d	1/3	3/6	12/6

Water Melon.

	Per pkt	oz	$\frac{1}{4}$ lb	1 lb
Black Spanish. —Large, roundish, nearly black; dark red flesh; early	6d	9d	2/-	6/-
Cole's Early. —Medium size; red flesh; green skin	6d	9d	2/-	6/-
Cuban Queen. —Solid and heavy; skin marked regularly; excellent, early	6d	9d	2/6	7/6
Halbert Honey. —Dark, glossy, green skin; flesh beautiful crimson; luscious and sweet	6d	9d	2/6	7/6
Ice Cream (White Seed). —Very early; red flesh	6d	9d	2/-	6/-
Mammoth Santiago. —Light green skin, striped dark green; deep blood-red flesh of sweet flavour; uniformly large and long; a good shipper	6d	9d	2/-	6/-
Mountain Sweet. —Fruit oblong; rind thin; flesh red, sweet and solid; late	6d	9d	2/-	6/-
Sugar Stick. —Light green skin; oblong; luscious deep rich red flesh. Strong, vigorous grower	6d	9d	2/6	7/6

Five per cent. can be deducted if cash is sent with the order.

C. Starke & Co., Ltd., Mowbray, Cape

Musk Melon.

	Per pkt	oz	$\frac{1}{4}$ lb	1 lb
Cosmopolitan. —Round, densely netted; green flesh; very sweet	6d	1/-	3/6	12/6
Hakensack, Extra Early. —Large, round, and of good quality; a popular variety; early ...	6d	9d	2/6	8/6
Jenny Lind. —Small, green-fleshed; very early; good quality	6d	1/-	3/-	10/6
Long Island Beauty. —On style of Hackensack. The earliest and finest in quality, and the most beautiful of all Muskmelons	6d	1/-	3/6	12/5
Melrose. —Oval, dark green, densely netted; flesh thick, light green, shading to salmon... ..	6d	1/-	3/-	10/6
Netted Gem, Round. —Very early; small and of fine flavour; green flesh	6d	9d	2/6	8/6
Skillman's Netted. —Green flesh, sweet and highly perfumed; oval shape. Early	6d	1/-	3/-	10/6
Winter Pineapple. —An extraordinary melon, can be kept in splendid condition for months after being pulled	6d	1/-	3/6	12/6
Bujukdere. —Round, smooth, light yellow with green spots or stripes; flesh snow white, thick and juicy; of finest flavour	6d	1/-	3/6	12/6
Green Montreal. —Large, round, netted; flesh thick and light green; late	6d	1/-	3/6	12/6
Belalcazar. —A long-keeping melon, oblong shape, sweet, skin dark green, said to keep five months in good condition. An excellent shipping variety ...	6d			

Garden Peas.



AMERICAN WONDER PEA.

American Wonder.—One of the very earliest wrinkled sorts in cultivation, of the finest quality and flavour; wonderfully productive. Its most distinct feature is its compact habit of growth. Height 1 foot. Per pkt 6d; per lb 1/3; 5 lbs for 5/6 (scarce this season).

Stratagem.—One of the finest of the dwarf varieties. Fine large

and well-filled pods. Splendid flavour and a good cropper. Height 1½ feet. Per pkt 6d; per lb 1/3; 5 lbs for 5/-; larger quantities, price on application.

Good Seed is Cheap at a Good Price.

Vegetable Seeds.

GARDEN PEAS—*Continued.*

Laxton's Fillbasket.—A standard sort of excellent quality. Height $2\frac{1}{2}$ feet. Per pkt 6d; per lb 1/-; 5 lbs for 4/-; larger quantities, price on application.

Harrison's Glory.—A splendid market variety. Heavy cropper. Good flavour. Height $2\frac{1}{2}$ feet. Per pkt 6d; per lb 8d; 5 lbs for 3/-; larger quantities, price on application.

Yorkshire Hero.—A splendid cropper and vigorous grower. Gives well filled pods. Delicious flavour. Height $2\frac{1}{2}$ feet. Per pkt 6d; per lb 1/-; 5 lbs for 4/-; larger quantities, price on application.

GRADUS.—One of the finest early peas in cultivation, producing large, round, well filled pods with large peas of finest flavour. Height $2\frac{1}{2}$ feet. Per pkt 6d; per lb 1/6; 5 lbs 6/3; larger quantities, price on application.

Edward VII.—Large, sweet peas of best quality; beautiful lustrous green pods. Per pkt 6d; per lb 1/3; 5 lbs 5/6

Eatall.—An excellent edible-podded variety. Per pkt 6d

HERBS.

Common Lavender.—Per packet 6d.

Sweet Marjoram.—Per packet 6d.

French Thyme.—Per packet 6d.

Broad Leaf Sage.—Per packet 6d.

Leek.

	Per pkt	1 oz	$\frac{1}{4}$ lb	1 lb
Musselburgh. —A broad leaved variety of large size and mild flavour	6d	9d	2/-	7/6
Monstrous Carentan. —A splendid variety with dark coloured leaves, stout and hardy	6d	9d	2/-	7/6

Pop Corn.

	Per $\frac{1}{4}$ lb	1 lb
White Rice	...	...
Queen's Golden	6d	1/-

Parsnip.

Parsnip prefers rather stronger soil than the Carrot, but is otherwise grown exactly like it; however, the land must be well and deeply worked. Freshly manured land is not suitable, as it will cause the roots to fork. The rows should be two feet apart, and the plants should be thinned to eight or ten inches. Parsnip seed not being a good keeper, should be sown thickly, so as to ensure plenty of plants.

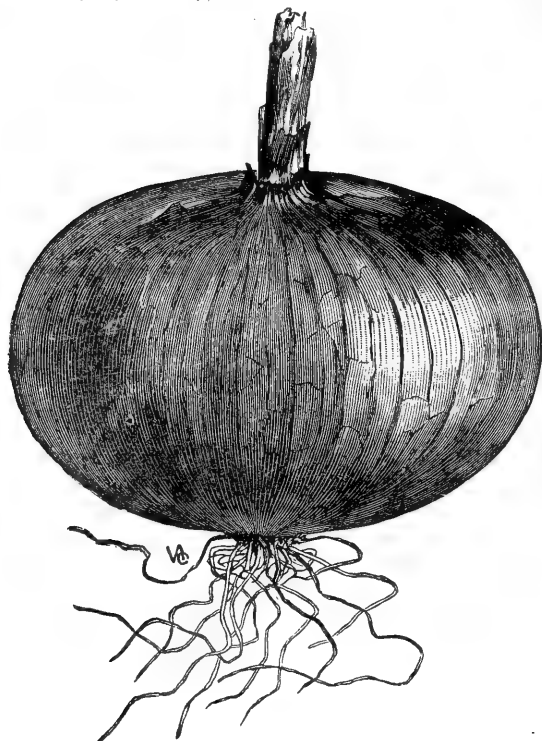
	Per pkt	$\frac{1}{4}$ lb	1 lb
Selected Hollow Crown	6d	1/3	3/-
Sutton's Student	6d	1/6	4/-

Cheap seed is often dear at any price.

C. Starke & Co., Ltd., Mowbray, Cape

Onion.

White Bermuda.—Though called white, this is not in reality a white onion but of a light straw colour; of large size, mild flavour, very prolific, early, broad and flat in form, flesh crisp and solid, good keeper. Plants are extremely thin-necked, insuring an even and early ripening. The seed offered is Teneriffe grown and the description is as given by the grower. Per oz 9d; $\frac{1}{4}$ lb 2/6; 1 lb 7/6



DANVERS' YELLOW GLOBE ONION.

Red Bermuda.—Colour pink, flesh white suffused with pink, tremendous yielder, very tender and juicy, early, even earlier than "White Bermuda," grows to a good size and is a good keeper. Teneriffe grown seed and as described by grower. Per oz 9d; $\frac{1}{4}$ lb 2/3; 1 lb 7/-

Brown Spanish.—A splendid variety, large and firm; largely grown for market; brown skin, good keeper, solid. Per oz 9d; $\frac{1}{4}$ lb 2/-; 1 lb 7/-

Danvers' Yellow Globe.—Somewhat above medium size; skin a yellowish brown; it is very productive, has a mild flavour, and is a good keeper. Per oz 9d; $\frac{1}{4}$ lb 2/-; 1 lb 7 $\frac{1}{2}$ /-

White Queen.—Pure white, small, flat, extra-early; fine for pickling. Per oz 1/-; $\frac{1}{4}$ lb 3/-; 1 lb 10/6

Cape Straw Coloured.—The well-known Cape Variety. Seed from best growers only. Per oz 9d; $\frac{1}{4}$ lb 2/6; 1 lb 7/6

• **Crystal Wax.**—A pure white variety having a splendid waxy appearance. The finest of all for slicing. Extra-early. Per oz 1/-; $\frac{1}{4}$ lb 3/-; 1 lb 10/6

Parsley.

					Per pkt	$\frac{1}{4}$ lb	1 lb
Plain	...	...	...	...	6d	1/-	3/6
Giant Curled	...	...	...	...	6d	1/-	3/6

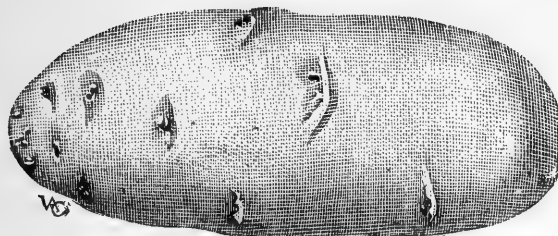
Pepper.

					Per pkt	oz	$\frac{1}{4}$ lb	1 lb
Large Bell or Bull Nose.	—Large, bright red; largely used for pickling. It is of such mild flavour that it may be eaten as a vegetable	...	6d	9d	2/-	7/6		

"KUDU" Seeds are Seeds that grow.

Vegetable Seeds.

Seed Potatoes.



EARLY ROSE POTATO

We import annually an assortment of the best **English grown Seed Potatoes** of the choicest varieties. At the time of printing this catalogue these are out of season and we are unable, therefore, to quote prices. The descriptions given below refer to the varieties which were imported

during the past season and we shall no doubt add other varieties from time to time and eliminate any that may not be favoured in this country. In addition to the English Grown Seed, we also import large quantities of **French Early Rose** and shall be pleased to have enquiries and to quote in due course.

Epicure (W.R.)—A variety which has come into popularity during the last few years as being one of the best white early rounds in cultivation. The potato is rather deep in the eye, but has an exceptionally fine table quality, and will grow a considerable weight per acre.

Sir John Llewelyn (W.K.)—A very early white-fleshed kidney, and where well done is an abundant cropper of capital cooking quality.

Sharpe's Express (W.K.)—This variety has proved one of the most popular white kidneys grown, and is an immense cropper. Has been a strong competitor of the Ashleaf class; in fact, has now almost entirely taken its place.

Early Rose (C.K.)—Still one of the most popular earlies. Is largely used for export and is now one of the finest cropping coloured potatoes with quality on the market.

British Queen (W.R.)—A good second early, still remarkably robust and prolific. The quality it produces on suitable soils is of the very best.

The Factor (W.R.)—To take the place of Up-to-date we know of nothing equal to a good stock of The Factor. Grown on suitable soil it will prove to be among the very finest of maincrops. In crop it is most abundant, while in quality it leaves nothing to be desired.

Evergood (W.R.)—A fine mid-season potato. Evergood is quite distinct and as a cropper bids well to become one of the most popular. The quality of this variety has become much better, and being such a heavy cropper is likely to be very largely grown this coming season.

Up-to-date (W.R.)—We know of no variety which has stood the test of this potato. The numerous lists of synonyms it has given rise to is a pretty good indication of its popularity. In the usual course of events it is impossible that it will remain in profitable cultivation much longer, but till another variety of superior merit has been found it will be grown very extensively still. The precaution should however be taken to obtain a good change of seed.

King Edward VII. (C.K.)—In the North of England this is one of the most popular varieties cultivated.

“KUDU” Fertilizers give the best results.

C. Starke & Co., Ltd., Mowbray, Cape

Radish.



CRIMSON GLOBE RADISH.

China Rose Winter.—A favourite variety with market gardeners as it is large and solid. Half-long in shape, mild in flavour. Colour, pink. Should be sown in the winter ...

Crimson Globe.—Very early, small and round... ..

Long Red.—A popular variety

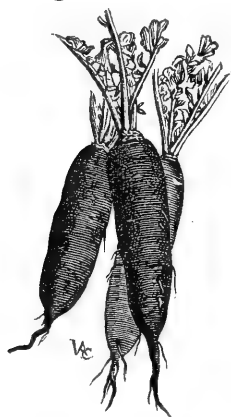
Long White Vienna.—A favourite white variety

French Breakfast.—A quick growing variety of oval shape. Colour, scarlet tipped with white. Should be sown in the winter

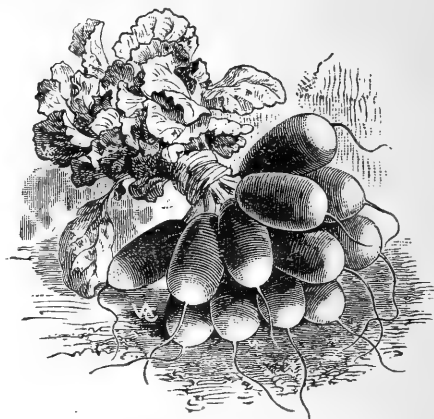
Early White Turnip.—A small variety; quick growth; nice flavour

Round Black Spanish.—
Winter variety

Long Black Spanish.—
Winter variety



LONG BLACK SPANISH
RADISH.



FRENCH BREAKFAST RADISH.

Per oz $\frac{1}{4}$ lb 1 lb 5 lbs

6d 1/- 4/- 15/-

6d 1/- 4/- 15/-

6d 1/- 4/- 15/-

6d 1/- 4/- 15/-

6d 1/3 4/6 17/6

6d 1/3 4/6 17/6

6d 1/- 4/- 15/-

6d 1/- 4/- 15/-

Scorzonera.

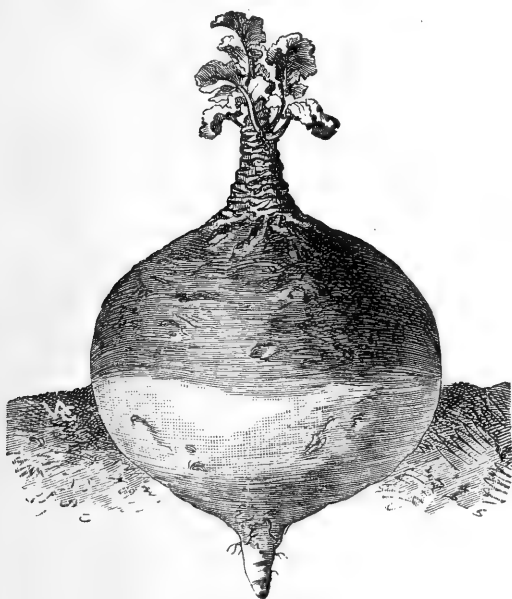
Culture the same as recommended for Salsify. Similar in many respects to Salsify, and is called by some the Black Oyster Plant. It is cultivated exclusively for the roots, which may be boiled and served plain like Parsnips. Before cooking, the outer coarse rind should be scraped off, and the roots soaked in cold water for a few hours, to extract their bitter flavour. Per pkt 6d; per oz 1/-; $\frac{1}{4}$ lb 2/-; 1 lb 7/6



Vegetable Seeds.

Pumpkin.

	Per pkt	oz	$\frac{1}{4}$ lb	1 lb
Large Cheese. —Flat: one of the best varieties for family use... ..		6d	1/6	5/-
Early Sugar. —Fine-grained, sweet and prolific: small yellow		6d	1/6	5/-
Mammoth Tours. —A very large French variety ...		6d	1/3	4/-
Bright Red Etampes. —Medium size, flat; very productive	6d	9d	2/6	7/6
Calhoun. —Very superior quality; yellow flesh; fine for pies	6d	9d	2/6	7/6
Connecticut, Field. —Splendid for stock feeding, large, round, and of an orange-yellow colour; a good yielder		6d	1/6	5/-
Virginia Mammoth. —A most productive variety. Grows to an immense size; oval in shape, thick-fleshed, of first-rate flavour and splendid keeping qualities. Can be kept all through the winter and used as desired	6d	9d	2/6	7/6
Fraserdale Improved Boer. —An improved strain of the Cape Boer pumpkin	6d	9d	2/6	7/6
Cushaw Striped. —A splendid striped crookneck variety	6d	9d	2/6	7/6



WEBBS' IMPERIAL PURPLE TOP SWEDE.

Swede

Webbs' Imperial Purple Top.

A great favourite as it is of excellent size and good quality. Per oz 6d; $\frac{1}{4}$ lb 1/-; 1 lb 2/-

Sutton's Champion.

A good standard sort, purple top, yellow flesh. Per oz 6d; $\frac{1}{4}$ lb 9d; 1 lb 1/6

Giant King.

A magnificent variety of tankard shape, purple top and rich yellow flesh. Grows to a splendid size; excellent quality; early; hardy; and a splendid cropper. Per oz 6d; $\frac{1}{4}$ lb 1/-; 1 lb 2/-

Kangaroo Bronze Top.

A bronze top, yellow-fleshed variety. Per oz 6d; $\frac{1}{4}$ lb 1/-; 1 lb 2/-

It pays to consider quality in seeds.

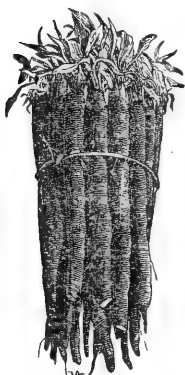
C. Starke & Co., Ltd., Mowbray, Cape

Sweet or Sugar Corn.

	Per pkt	$\frac{1}{2}$ lb	1 lb
Extra Early Dwarf	6d	1/-	1/6
Evergreen Late	6d	1/-	1/6
Early Mammoth. —Very large ears; fine quality; medium early	6d	9d	1/-
Sweet Fodder		6d	9d
Thorburn's Early White Perfection. —A comparatively new second-early sort, producing good-sized ears 6 to 7 inches in length, of beautiful shape and almost pure white. Very small cob. It is a remarkable yielder, very sweet and a fine pure type without flint or glaze. It is undoubtedly the best second-early white Sweet Corn yet introduced ...	6d	9d	1/-
Country Gentleman. —Most popular of all the sugar corns for main crop for the home garden. Makes a good-sized ear and has a small cob, deep grains; excellent, tender and sweet, and of delicious table quality	6d	9d	1/-
White Evergreen. —Produces handsome ears, well filled with deep grains of pure snowy whiteness, and of the most delicious sweetness. It is pronounced by experienced growers the best all-round sugar corn in cultivation	6d	9d	1/-

Improved Southern White Snowflake Corn.

This is a most valuable field variety, one that makes a large yield, and, when ground, makes meal of the finest quality. It also makes a splendid roasting-ear corn, being deep-grained, producing large-sized ears, of a shape that is most saleable for green corn. It is an early and quick growing variety, maturing its crop in about 100 days. It grows about 8 feet in height; ears set 4 to 5 feet from the ground. Nearly always produces two ears to the stalk. Does not blow down easily. Our market-garden customers will find this a particularly valuable sort for making green corn to sell for roasting ears. Per lb 6d; 10 lbs 4/-; 25 lbs 8/6; 100 lbs 30/-



SALSIFY.

Salsify.

Salsify succeeds under the same treatment required for Carrots and other root crops. Seed for an early crop may be sown in July, and for the general crop in September. Sow the seed in drills about 15 in. apart and thin the plants to 6 in. The young leaves, when blanched, may be used as a vegetable. The roots are boiled or stewed like Carrots and Parsnips, or half boiled and grated fine, made into small flat balls, and dipped into batter and fried like oysters, which they somewhat resemble.

Large White French

	Per pkt	oz	$\frac{1}{4}$ lb	1 lb
...	6d	1/-	2/-	7/6

Sow "Kudu" Seeds with a "Planet Jr." Seeder.



**Early
Amber
Cane
Sorghum**

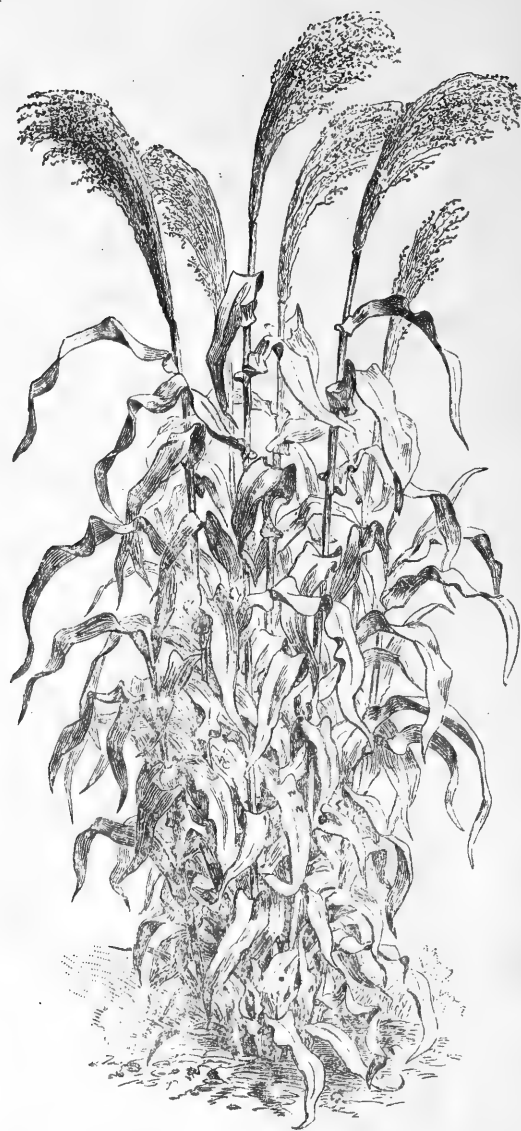
(Page 34)



Teosinte

***Euchlaena Mexicana* Schrad. syn. *Reana luxurians* Dur.**

(Page 35)



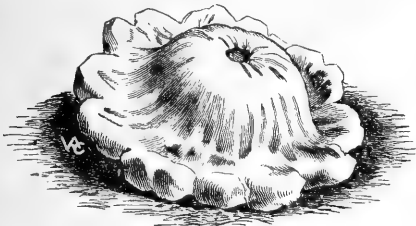
Long Brush Evergreen Broom Corn

(Page 34)

Vegetable Seeds.

Squash.

Sow in the spring in rings 3 to 4 feet apart for the bush varieties, and 6 to 9 feet apart for the running kinds. There is no vegetable that will repay better a little extra trouble in the cultivation, for if well treated, squash will give results accordingly.



EARLY WHITE SCALLOP BUSH SQUASH.

Long Island White Bush.—An improved strain of Early White Scallop Bush; very prolific. Per pkt 6d; per oz 1/-; $\frac{1}{4}$ lb 2/6; 1 lb 7/6

Silver Custard.—A mammoth strain of Early White Bush. Very large. Per pkt 6d; per oz 1/-; $\frac{1}{4}$ lb 2/6; 1 lb 7/6

Cocozell Bush.—A fine variety; oblong shape; skin smooth, dark green, marbled yellow or pale green. Per pkt 6d; per oz 1/-; $\frac{1}{4}$ lb 2/6; 1 lb 7/6

Long White Bush.—A favourite marketing variety; very prolific. Per pkt 6d; per oz 9d; $\frac{1}{4}$ lb 2/-; 1 lb 6/-

Bush Varieties.

Golden Custard.—Mammoth strain of the Golden Bush. A valuable new variety; golden yellow flesh; fine quality. Per pkt 6d; per oz 1/-; $\frac{1}{4}$ lb 3/-; 1 lb 10/-


Early White Scallop Bush.—A good early shipping variety. Per pkt 6d; per oz 1/-; $\frac{1}{4}$ lb 2/6; 1 lb 7/6



LONG WHITE BUSH SQUASH

Running Varieties.

	Per pkt	oz	$\frac{1}{4}$ lb	1 lb
Boston Marrow. —Oval; bright orange; flesh yellow and fine	6d	1/-	2/6	7/6
Cocoanut. —Of first-rate quality, and very prolific	6d	1/-	2/6	7/6
Long White Trailing. —Similar to Long White Bush, but of trailing habit	6d	1/-	2/6	7/6
Mammoth Warty Hubbard. —Large size, covered with warts	6d	1/-	3/-	10/-

 We pay postage on SIXPENNY PACKETS of seeds to any address in South Africa. For Rhodesia, British Bechuanaland Protectorate, and German South West not less than 12 packets must be ordered at one time to secure this privilege. For all other parts, 6 packets or more may be ordered at one time.

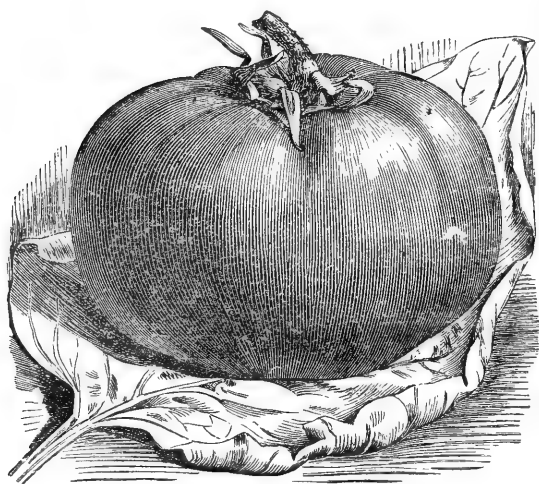
To avoid errors please use our Printed Order Form.

C. Starke & Co., Ltd., Mowbray, Cape

Spinach

	Per pkt	oz	$\frac{1}{4}$ lb	1 lb
Melde or French Spinach. —A tall-growing sort, producing an abundance of large leaves. Easy to cultivate as it is quite hardy ...	6d	1/-	2/3	7/6
Prickly Spinach. —A winter variety. Sow with the first autumn rains in drills 18 inches apart, and thin the plants to 12 inches apart in the row ...	6d	9d	1/9	5/-
New Zealand Spinach. —A valuable variety for summer growing, as it stands the dry weather well	6d	9d	1/3	4/-

Tomato



MIKADO TOMATO.

them quite large, 12 to 15 ounces. It is globe shaped, full at the stem end, and of a most perfect shape for either slicing or canning. Ripens all the way through and right up under the stem. Is a strong grower and big cropper. Per pkt 6d; oz 2/-; $\frac{1}{4}$ lb 7/6

Crimson Cushion.—Extra large, handsome, bright crimson. Per pkt 6d; oz 1/9; $\frac{1}{4}$ lb 6/-

Mikado.—Purplish red; large, smooth and solid. Per pkt 6d; oz 1/6; $\frac{1}{4}$ lb 4/-

Livingston's Coreless.—A decided acquisition to our list of tomatoes. Colour bright red; in shape almost round, being of about the same diameter each way; very productive, clusters of 4 to 7 fruits are produced at six to eight inches apart along the stem. All the fruits are of marketable size, many of

Italia.—A first class new sort and earliest of all hitherto known. The fruit is large, oval-round, smooth, very fleshy and of the finest flavour; it keeps fresh a long time, and stands shipping very well. The plant is enormously productive, more than any other large-fruited sort, and if treated well, one single plant will easily yield from 30 to 50 well shaped and large fruits. Per pkt 6d; oz 1/6; $\frac{1}{4}$ lb 5/-

Paradise.—Grows strong vines, healthy plants bearing enormous crops of round well shaped fruit. Will not crack in hot weather as most varieties. Fleshy and of delicious flavour. For an early crop it is the most desirable one. The seed is from selected strong plants and best picked Tomatoes. Per pkt 6d; oz 2/-; $\frac{1}{4}$ lb 7/6

Holmes' Supreme.—Second early, prolific bearer, large, smooth, round. Per pkt 6d; oz 2/-; $\frac{1}{4}$ lb 7/6

Five per cent. for cash with order, otherwise nett.

Vegetable Seeds.

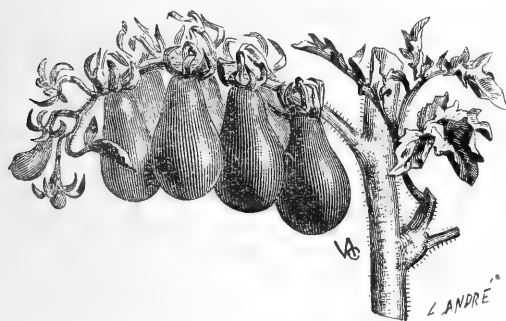
Tomato (continued)

Wood's Improved Beauty.—We recommend this variety very strongly. It is one of the best and most productive main crop tomatoes and is the result of careful selection and improvement. This selection has extended over a number of years, and we confidently believe this is the very finest stock of Beauty Tomato to be had at any price. Always smooth, large, of perfect form and quality. Borne in clusters of four to six large purple fruits, retaining its splendid size to the end of the season. Ripens early, flesh very firm and seldom cracks after a rain. Extra fine for shipping, as it ripens nicely when picked green. Per pkt 6d; oz 2/-; $\frac{1}{4}$ lb 7/6

Bonnie Best Tomato.—A new extra early tomato which promises to become the most popular early market and shipping tomato in cultivation. In colour it is an intense scarlet, the very best colour for the table, market or canning, and it ripens evenly all over up to the stem. It is ideal in shape, round, slightly flattened at the end, but thicker through than most other tomatoes. Its great characteristic, however, is its uniformity of size and smoothness in shape. Per pkt 6d; oz 2/-; $\frac{1}{4}$ lb 7/6

Ponderosa.—Scarlet, very large. Per pkt 6d; oz 1/9; $\frac{1}{4}$ lb 6/-

Golden Queen.—Smooth, golden yellow. Per pkt 6d; oz 1/6; $\frac{1}{4}$ lb 5/-



pkt 6d; oz 2/-; $\frac{1}{4}$ lb 7/6

Up-To-Date.—Second early, vigorous grower, good shape, wonderful bearer. Per pkt 6d; oz 2/-; $\frac{1}{4}$ lb 7/6

Trophy.—Very solid; standard late variety; fine canner; dark scarlet. Per pkt 6d; oz 1/-; $\frac{1}{4}$ lb 3/6

Red Pear.—Fruit handsome and solid; fine for preserves. Per pkt 6d; oz 1/-; $\frac{1}{4}$ lb 3/-

Tuckwood's Favourite.—Very early, beautifully smooth and round, strong plants of open growth and not too leafy, allowing the fruit to ripen up well. Per

Turnip

Early Snowball.—Small and of rapid growth, pure white. A splendid garden turnip. Per pkt 6d; $\frac{1}{4}$ lb 1/-; 1 lb 3/6; 5 lbs 12/6

Early Six Weeks.—A quick growing variety of excellent quality. Per pkt 6d; $\frac{1}{4}$ lb 1/-; 1 lb 3/6; 5 lbs 12/6

Early White Strap Leaf.—A good early, white, flat sort. An old favourite. Suitable for hot climates. Per pkt 6d; $\frac{1}{4}$ lb 1/-; 1 lb 2/6; 5 lbs 10/-



EARLY WHITE STRAPLEAF TURNIP.

To avoid errors please use our printed order form.

C. Starke & Co., Ltd., Mowbray, Cape

Webbs' Flower Seeds

Antirrhinum

('Snapdragon.')

Webbs' Challenge. The brilliancy of colour and free-flowering qualities of this strain should ensure it a position in every garden; mixed, 2 ft. Per pkt 6d

Aquilegia ('Columbine')

Webbs' Diadem. A choice strain containing many new and beautiful colours and varied forms of flower, 2 ft. Per pkt 6d

Webbs' New Golden Spur. *Novelty.* The beautiful golden-yellow flowers of this variety are very ornamental; it blooms early, and grows to a height of 2 ft. Per pkt 6d

Anemone.

Webbs' New Brilliant. *Novelty.* This new strain produces large brilliant double and single flowers of various shades. Valuable for cutting for vases; hardy perennial. Per pkt 6d

Balsam.

Webbs' Rose-Flowered. Flowers principally self-colours, very large and double; mixed, 2 ft. Per pkt 6d

Clematis.

Mixed Hybrids. A valuable climbing plant for training over arbours and trellises; mixed, hardy perennial. Per pkt 6d

Aster.

Webbs' Comet. A beautiful class, the petals resembling a Japanese chrysanthemum in shape (semi-dwarf), mixed. Per pkt 6d

Webbs' Snowflake. A splendid new white flowering variety, growing about 1 foot in height, and a most profuse bloomer. The flowers are unique in shape, and whether grown in beds for massing or used in a cut state, they create a most pleasing effect. Per pkt 6d

Webbs' Peerless. A chaste variety, of neat habit of growth, suitable for bedding or pot-culture. The flowers are of good size, beautifully imbricated, and of pale sulphur or cream colour; 1 ft. Per pkt 6d

Webbs' Princess. A splendid variety for decorative purposes; of pyramidal habit of growth, producing a dense mass of richly coloured and finely-formed flowers; 1 ft. Per pkt 6d

Bellis Perennis

('Double Daisies.')

Well-known plants; valuable for spring bedding; hardy perennials. Per pkt 6d

Cockscomb.

A splendid strain of these popular plants for greenhouse decoration; tender annuals.

Cockscomb, Dwarf. Mixed, 1 ft. Per pkt 6d

"KUDU" Fertilizers give the best results.

Flower Seeds.

Clarkia.

Very useful and easy of cultivation ; suitable for growing in beds, patches, or borders ; Purple King and Salmon Queen are exceedingly beautiful ; hardy annuals.

Webbs' New Double Salmon.

Very attractive, growing 2 ft in height, and having large spikes of beautiful salmon-coloured flowers which remain a long time in perfection. Per pkt 6d

Webbs' New Double White. As a companion to the Double Salmon Clarkia, this pure white variety will be fully appreciated. Per pkt 6d

Purple King. Purple, 2 ft. Per pkt 6d

Salmon Queen. Salmon, 2 ft. Per pkt 6d

Carnation.

Webbs' Tom Thumb Mixed.

Blooms abundantly in four months after sowing, and produces about 80 per cent. of beautiful double flowers ; 15 ins. Per pkt 6d

Webbs' Border Mixed. Very showy and useful flowers, 2 ft. Per pkt 6d

Marguerite. Mixed, 18 ins. Per pkt 6d

Cosmea.

A charming race of hardy annuals growing about 2 feet high and easily cultivated. The flowers are borne in great profusion, and are unsurpassed for cutting purposes ; they last well in water and are most effective.

Cosmea Bipinnata. Mixed. Per pkt 6d

Annual Chrysanthemum.

Webbs' White Pearl. An exceedingly useful hardy annual, blooming profusely in the open ground during the summer. Although a proportion of the flowers will be single, the majority are double, pure white, and of beautiful shape ; white, 1 ft. Per pkt 6d

Webbs' Annual Mixed. For outdoor decoration, or for supplying cut flowers in quantity during the summer, few plants are of more value than this handsome hardy annual ; 2 ft. Per pkt 6d

Calliopsis.

These handsome plants deserve extensive cultivation ; the colours of the flowers are brilliant and of long duration ; hardy annuals.

Webbs' New Sunbeam. This handsome strain is of great value for sowing in beds in the open ground ; mixed, 1½ ft. Per pkt 6d

Webbs' Golden King. Bright golden yellow flowers, of great service for cutting ; 1 ft. Per pkt 6d

Candytuft.

Very popular free-flowering hardy annuals ; well adapted for borders, beds, and edgings, and valuable for bouquets.

Webbs' Snowflake. A very floriferous variety of this well-known annual, producing large spikes of pure white flowers in profusion ; 1 ft. Per pkt 6d

Candytuft, Mixed. 1 ft. Per pkt 6d

Coreopsis.

Grandiflora. Yellow ; hardy perennial. Per pkt 6d

Try a "PLANET JR." hoe in your garden.

C. Starke & Co., Ltd., Mowbray, Cape

Canterbury Bell.

Very desirable plants, suitable for shrubbery borders; also very effective when grown in pots; hardy biennials.

Webbs' New Imperial. Mixed, 2 ft. Per pkt 6d

Calceolaria Chelidonoides.

A useful and attractive annual variety which can be used in beds or borders, and makes an effective display until late in the autumn. Flowers yellow. Height 1 foot, half-hardy annual. Per pkt 6d

Dianthus ('Indian Pink.')

These are most beautiful flowers, having brilliant colours, varying from the richest crimson to pure white; for bedding purposes they are unsurpassed; hardy biennials.

Webbs' Champion (Double). Brilliantly-coloured flowers; produced in great profusion; mixed, 1 ft. Per pkt 6d

Webbs' New Starlight (Single). A charming new variety, the plant forming dense bushes which are literally covered with bright and effective blossoms; white and purple, 1 ft. Per pkt 6d

Digitalis ('Foxglove.')

Handsome plants of stately growth, suitable for banks and borders; hardy perennials.

Webbs' Spotted. An ornamental variety of Foxglove, having large spikes of pure white flowers, which are beautifully spotted with purple. It is specially adapted for back lines in the hardy herbaceous border, and for shrubberies; 3 ft. Per pkt 6d

Digitalis, finest mixed. Per pkt 6d

Cornflower.

Suitable for beds and borders; and valuable for cutting; hardy annuals.

Webbs' Emperor. Few flowers are more useful for cutting purposes than our selection of this old-fashioned favourite. It blooms abundantly all through the summer (mixed). Per pkt 6d

Convolvulus.

Webbs' New Attractive. Its bright and handsome flowers create a brilliant display throughout the summer months; mixed, 1 ft. Per pkt 6d

Convolvulus Major, Mixed. Hardy annual. Per pkt 6d

Dahlia.

Unsurpassed for the back lines of beds or shrubberies; saved from splendid varieties; half-hardy perennials.

Webbs' Premier Single. For the back lines of borders, beds, or shrubberies the Single Dahlia is unequalled. The seed we offer will produce magnificent flowers of extra large size, and in a great variety of colours, which will be found equal to the finest named kinds; mixed, 3 ft. Per pkt 6d

Cactus Dahlia, Double, mixed. An extremely decorative variety, mixed colours. Per pkt 6d

Delphinium.

Webbs' New Hybrid. When established the spikes of bloom attain a height of from 3 to 4 feet, and are covered with flowers of all shades of colour, from white to the darkest blue; mixed, 3 to 4 ft., hardy perennial. Per pkt 6d

"KUDU" BONE MANURE is the best MANURE.

Flower Seeds.

Egg Plant.

Very ornamental; valuable for the conservatory or flower border, and suitable for garnishing; tender annuals.

Mixed. 2 ft. Per pkt 6d

Godetia.

A brilliant and profuse-flowering class of annuals, which are extremely hardy and easy of cultivation; should be grown in every garden; hardy annuals.

Webbs' New Double Rose. *Novelty.* This is a beautiful novelty growing two feet high and producing charming rose-coloured flowers freely. Valuable for borders or cutting. Per pkt 6d

Godetia, mixed. Per pkt 6d

Marigold.

Webbs' New Midget French, mixed. *Novelty.* This is a neat and compact class, growing only 4 to 5 inches high, and producing a profusion of flowers well into the autumn. Valuable for carpet bedding and edgings. Per pkt 6d

Webbs' Gold-striped French. A superior strain of this popular flower, producing double blooms of large size, which are elegantly striped in a regular manner; 1½ ft. Per pkt 6d

Myosotis

(**'Forget-me-not.'**)

Charming little flowers for spring gardening. Webbs' Blue King and White Queen Myosotis are splendid varieties; hardy perennials.

Webbs' Blue King. Deep blue, 6 in. Per pkt 6d

Webbs' White Queen. White, 6 in. Per pkt 6d

Lathyrus

(**"Everlasting Pea."**)

Rapid-growing climbing plants; for trellises; hardy perennials.

Latifolius, pink. Per pkt 6d

" **albus,** white. Per pkt 6d


Lobelia.

Of great value for their free-flowering qualities and effective appearance; indispensable for beds and edgings.

Webbs' Magpie. An exceedingly pretty half-hardy annual, useful for carpet-bedding or for the edgings of beds, where its abundance of blue and white flowers produces a most charming effect; height, 4 ins Per pkt 6d

Webbs' White Gem. White, 4 in. Per pkt 6d

Webbs' Bluebeard. Deep blue, 4 in. Per pkt 6d

 **Webbs' White Gem and Webbs' Bluebeard** are splendid varieties, which produce their flowers in abundance. The plants are compact in growth and valuable for carpet-bedding and the edgings of beds; half-hardy annuals.

Larkspur.

These interesting plants are justly esteemed for their great variety, beauty of colour, and elegant habit of growth; hardy annuals.

Webbs' Victoria. A valuable addition to this well-known hardy annual, its rich violet-coloured flowers forming a pleasing and most striking contrast to the Rose-coloured Empress Larkspur. Per pkt 6d

Webbs' Empress. Of branching habit of growth, and produces chaste rose-coloured flowers very freely; height about 18 inches. Per pkt 6d

The finest vegetables are produced from 'KUDU' Seeds

C. Starke & Co., Ltd., Mowbray, Cape

Pansy.

One of the most popular plants for bedding purposes, flowering in abundance the whole of the summer; hardy perennial.

Webbs' New Snow-White. A beautiful new and chaste pure white variety. Its profusion of bloom, perfection of form, and purity of colour render it invaluable for ribbon-gardening and general bedding purposes. Per pkt 6d

Webbs' New Bedding, mixed. A new strain, which is specially suitable for bedding. It comprises a large and varied assortment of lovely colours, is of robust habit, and very free-flowering. Per pkt 6d

Pansy, Cliveden, mixed. 6 inches. Per pkt 6d

Pansy, Masterpiece. Blotched, fine rich colours, 6 in. Per pkt 6d



Portulaca.

Remarkable for brilliancy and richness of colours, and admirably adapted for beds, pots, clumps, edgings, or rockeries, their dwarf, compact habit and profusion of bloom making a highly attractive display; a sunny situation is necessary for them; half-hardy annuals.

Double. Mixed, 6 in. Per pkt 6d



Phlox Drummondii.

One of the most beautiful half-hardy annuals for bedding, having all the shades of scarlet, white, rose, purple, lilac, &c., and producing a profusion of bloom throughout the summer.

Webbs' New Fringed. A distinct and beautiful half-hardy annual, with bright and various coloured flowers, the edges of the petals being beautifully cut and fringed; mixed. Per pkt 6d.

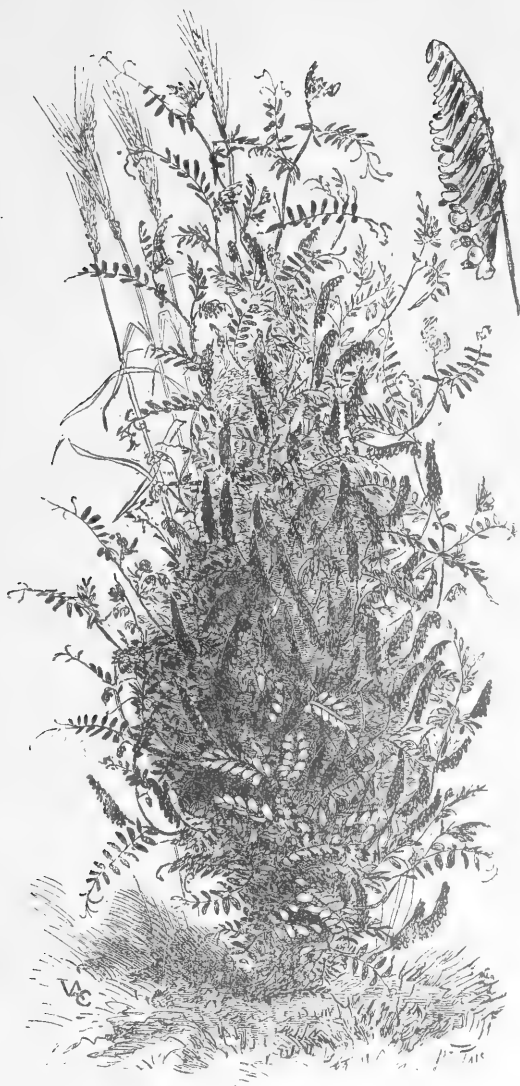
Webbs' Elegant. The rich and varied colours of our splendid strain of this valuable annual render it one of the most effective bedding plants in cultivation; mixed, 1 ft. Per pkt 6d

Webbs' Paragon Dwarf. This variety differs from the ordinary Phlox Drummondii in being more compact in habit of growth, the plants forming dense bushes about 9 inches in height, which are covered with large and brilliantly-coloured flowers; mixed, 9 in. Per pkt 6d

Musk.

Musk. A very sweet-scented half-hardy perennial; yellow, 6 in. Per pkt 6d

“KUDU” Seeds are Seeds that grow.



Sand or Hairy Vetch

Vicia Villosa Roth.

(Page 17)



Spring Vetch

Vicia sativa L.

(Page 17)

Flower Seeds.



Stock.

Webbs' Large-flowering Ten-week, mixed. This is a deservedly popular section of the summer-flowering type; it is exceedingly floriferous, and its striking colours render it very effective for bedding purposes; it is also specially adapted for general cultivation; half-hardy annual. Per pkt 6d

Webbs' May Queen, mixed. A wonderfully handsome variety of Intermediate Stock, producing large, massive spikes of bloom, which are most valuable during the early summer. Per pkt 6d

Brompton, mixed. A very hardy and robust variety, which produces immense spikes of beautiful flowers; hardy biennial. Per pkt 6d

Webbs' Bedding, mixed. A splendid selection of Ten-week Stock. The plant is of dwarf habit, whilst the spikes of bloom are large, of good shape and colour, and produced in abundance throughout the summer; 1 ft., half-hardy annual. Per pkt 6d.

Zinnia.

Splendid plants for bedding; the flowers are large and beautifully formed; valuable for table bouquets, &c., having rich and striking colours; half-hardy annuals.

Mignonette.

Sweet-scented hardy annuals that are well known and universally admired.

Webbs' Giant. A strong-growing variety of this universal favourite, bearing immense spikes of flowers, which are of delicious fragrance; buff, 2 ft. Per pkt 6d

Webbs' New Golden Gem. A distinct and beautiful yellow-flowered variety, of dwarf and pyramidal habit of growth, most valuable for pots or outdoor culture; yellow, 1 ft. Per pkt 6d

Webbs' Dwarf. Compact in habit of growth, and very floriferous; specially adapted for pot-culture, also for the open ground; buff, 9 in. Per pkt 6d

Poppy

Showy free-flowering plants of rich and varied colours; useful for shrubby borders; hardy annuals.

Webbs' Selected Shirley. A selection of the most charming and delicate colours; mixed, 2 ft. Per pkt 6d

Ranunculus - flowered, dwarf. Mixed, 1½ ft. Per pkt 6d

Webbs' New Favourite (Double). A most handsome strain of annual Poppy, growing about 2 ft. high, most suitable for large beds, shrubberies, &c., and producing an abundance of beautiful double-fringed flowers in nearly every shade of colour. Per pkt 6d

Zinnia

Webbs' Superlative (Double). A dwarf class of Zinnia growing but 12 inches in height, forming neat and compact bushes, which produce charming flowers of the most beautiful colours; mixed, 1 ft. Per pkt 6d

" KUDU " Fertilizers give the best results.

C. Starke & Co., Ltd., Mowbray, Cape

Nasturtium.

A very showy class of plants, most useful for bedding or edgings; for beauty and profusion of bloom on dry or poor soils they are without equals for trellises, or covering rockeries: hardy annuals.

Webbs' New Sunrise (tall). An exceedingly chaste variety with delicate rose-coloured flowers, which are abundantly produced. Per pkt 6d

Nasturtium, tall mixed. Per pkt 6d

Webbs' New Meteor (dwarf). Crimson scarlet, dark foliage. 9 in. Per pkt 6d

Sunflower.

Well-known showy plants; adapted for shrubby borders; hardy annuals.

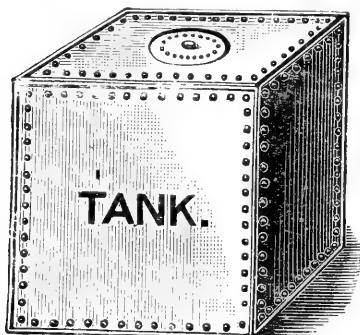
Webbs' New Primrose King. This is quite distinct from the yellow Sunflower, the flowers being of a delicate primrose shade, single, 8 ft. Per pkt 6d

Webbs' New Golden Bouquet. *Novelty.* An exceedingly early variety, flowering at the beginning of summer and continuing until autumn. The deep golden yellow flowers are single, measure 2 to 3 inches across, and are produced in profusion, 3 ft. Per pkt 6d

STERILISED BONE MEAL



We stock all grades of **STERILISED BONE MEAL** for feeding to **STOCK, POULTRY & OSTRICHES**. For Prices of the above and our full range of **POULTRY and CHICKEN FOODS**, see inside back cover of this catalogue.



GALVANIZED TANKS

100 gallons	...	£2 7 6	each
200 gallons	...	£3 15 0	each

Good Seed is Cheap at a Good Price.

Flower Seeds.

Sweet Peas.

(*Lathyrus odoratus*)

Through the skill of specialists, the Sweet Pea has become a much larger and lovelier flower than before it became so popular. The plants are more robust, dwarf, branching and bloom more freely, some varieties showing three to four blooms on a stem.

NAMED LARGE-FLOWERED SWEET PEAS.

	Pkt
Agnes Johnson. Very large; bright pink, shaded cream colour ...	6d
Admiration. Self-coloured, in a delicate shade of mauve ...	6d
America. Bright blood-red striped; very distinct ...	6d
Apple Blossom. Bright pink and blush, beautifully shaded ...	6d
Aurora. Flowers extra-large; standard and wings flaked and striped bright orange-salmon on white ground ...	6d
Black Knight. Deep maroon, self-coloured ...	6d
Blanche Burpee. Superb, pure white; immense size, perfect form ...	6d
Coquette. Primrose, shaded fawn ...	6d
Countess of Radnor. Standard delicate lavender; wings dark mauve ...	6d
Dorothy Eckford. Fine pure white; large flower ...	6d
Duke of Clarence. Rosy claret; self-coloured flowers; extra large ...	6d
Duke of Westminster. Rosy maroon standard; violet-purple wings; fine ...	6d
Firefly. Brilliant fiery scarlet ...	6d
Flora Norton. Splendid rich lavender ...	6d
Gorgeous. Standard bright orange; wings bright orange-rose. Very showy ...	6d
Helen Pierce. Bright blue, mottled on pure white; perfect shell-shaped gloxinia-like flowers; beautiful ...	6d
Hon. Mrs. Kenyon. A splendid Eckford variety extra-large and of finest form. The deepest shade of primrose found in any variety ...	6d
Janet Scott. Bright pink and buff; very pretty ...	6d
Lord Nelson. Deeper and richer shade than Navy Blue ...	6d
Mrs. Dugdale. Beautiful deep rose; unexcelled for cut-flowers ...	6d
Mrs. Eckford. Primrose-yellow. Exquisite ...	6d
Mont Blanc. Pure white, of finest form, for forcing. Very dwarf. Seldom grows over 2 feet high and begins to flower when 1 foot high.	6d
Navy-Blue. Bluish purple standard; navy-blue wings ...	6d
Othello. Glossy maroon. Self-coloured. Elegant ...	6d

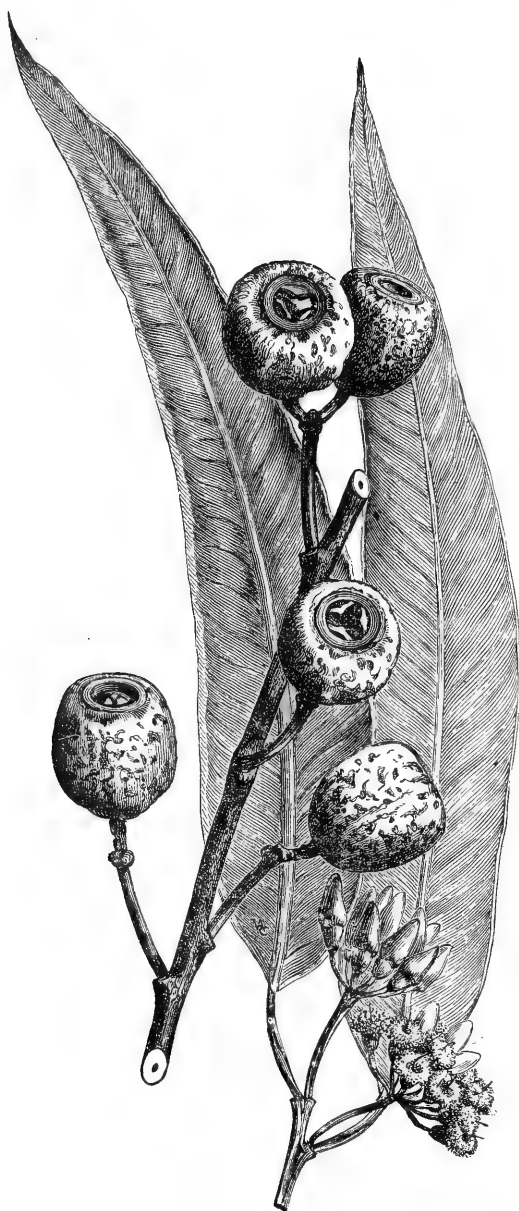
SPENCER VARIETIES

Burpee's White Spencer. Flowers of enormous size, pure white; waved, crinkled, and fluted standards; wings fully an inch wide ...	6d
Countess Spencer. Bright, clear pink, a little deeper at edges; open form, wavy petals. Very large standard and wings ...	6d
Helen Lewis. Crimson-orange standard; wings orange-rose. Very large ...	6d
John Ingman. Rose carmine gigantic fluted flowers. Profuse bloomer...	6d
Mrs. Hardcastle Sykes. Salmon-pink ...	6d
Phenomenal. White, shaded and edged lilac; very large hooded; wavy petals ...	6d

Cheap seed is often dear at any price.

C. Starke & Co., Ltd., Mowbray, Cape

Tree Seeds.



Kei Apple (*Aberia caffra*).—Per oz 9d; $\frac{1}{4}$ lb 2/-; $\frac{1}{2}$ lb 3/6; lb 6/-

Black Wattle (*Acacia decurrens*, var. *molissima*).— $\frac{1}{4}$ lb 6d; $\frac{1}{2}$ lb 9d; lb 1/-

Pycnantha Wattle (*Acacia pycnantha*).— $\frac{1}{2}$ lb 6d; lb 8d

Saligna Wattle (*Acacia Saligna*).—1 lb 6d

Carob Bean (*Ceratonia siliqua*), see page 15.— $\frac{1}{4}$ lb 6d; $\frac{1}{2}$ lb 1/6; lb 2/6

Macrocarpa Cypress (*Cupressus macrocarpa*).—Per oz 9d; $\frac{1}{4}$ lb 2/-; $\frac{1}{2}$ lb 3/6; lb 6/-

Common Cypress, Spreading (*Cupressus sempervirens*, var. *horizontalis*).— $\frac{1}{4}$ lb 6d; $\frac{1}{2}$ lb 9d; lb 1/-

Bush Cornuta Gum (*Eucalyptus cornuta*, var. *symphocarpa*).—Per oz 9d; $\frac{1}{4}$ lb 2/3; $\frac{1}{2}$ lb 4/-; lb 7/6

Sugar Gum (*Eucalyptus corynocalyx*).—Per oz 1/-; $\frac{1}{4}$ lb 3/6; $\frac{1}{2}$ lb 6/-; lb 10/-

Blue Gum (*Eucalyptus globulus*).—Per oz 1/-; $\frac{1}{4}$ lb 3/6; $\frac{1}{2}$ lb 6/6; lb 12/6

Jarrah, true (*Eucalyptus marginata*).—Per oz 1/6; $\frac{1}{4}$ lb 5/-; $\frac{1}{2}$ lb 9/6; lb 18/6

Rostrata Gum (*Eucalyptus rostrata*).—Per oz 1/6; $\frac{1}{4}$ lb 5/-; $\frac{1}{2}$ lb 10/-; lb 17/6

Saligna Gum (*Eucalyptus saligna*).—Per oz 2/-; $\frac{1}{4}$ lb 6/6; 1 lb 22/6

Honey Locust (*Gleditschia triacanthos*), see page 15.— $\frac{1}{4}$ lb 9d; $\frac{1}{2}$ lb 1/-; lb 1/6

Australian Myrtle (*Leptospermum laevigatum*).—Per oz 9d; $\frac{1}{4}$ lb 2/-; $\frac{1}{2}$ lb 3/6; lb 6/-

Osage Orange (*Maclura auranti-*

aca).—Per oz 6d; $\frac{1}{4}$ lb 1/-; $\frac{1}{2}$ lb 1/6; lb 2/6

Canary Island Pine (*Pinus canariensis*).—Per oz 9d; $\frac{1}{4}$ lb 2/-; $\frac{1}{2}$ lb 3/-; lb 5/-

Jerusalem Pine (*Pinus halepensis*).—Per oz 6d; $\frac{1}{4}$ lb 1/6; $\frac{1}{2}$ lb 2/6; lb 4/6

Cluster Pine (*Pinus pinaster*).— $\frac{1}{2}$ lb 6d; lb 9d

Stone Pine (*Pinus pinea*).—1 lb 6d

Scotch Pine (*Pinus sylvestris*).—Per oz 9d; $\frac{1}{4}$ lb 2/-; $\frac{1}{2}$ lb 3/6; lb 6/-

Pepper Tree (*Schinus Molle*).—Per oz 6d; $\frac{1}{4}$ lb 9d; $\frac{1}{2}$ lb 1/-; lb 1/6

Pecan Nuts.—Per oz 6d; $\frac{1}{4}$ lb 1/-; $\frac{1}{2}$ lb 1/6; lb 2/6

Agricultural Seedsmen.

High Grade Fertilizers.

PURE BONE MEAL, "Kudu" Brand.



This is one of the best of fertilizers, particularly for Orchards and Vineyards. For less permanent crops, also, it is most valuable and at the price quoted, should be largely used.

Stock farmers should use this largely in their cultivated lands, as it will greatly improve the pasture when the land is laid down to grass. Per ton of 2,000 lbs £6 10s. Small quantities for gardens, 25 lbs 2/6; 100 lbs 8/6; 200 lbs 15/-

Analysis:—Nitrogen, 3.4 per cent; Total Phosphoric Oxide 21 per cent; Lime 28 per cent.

MEDIUM HIGH GRADE SUPERPHOSPHATES,

"Kudu" Brand. (16 PER CENT.)

The "Kudu" Brand Superphosphates are now generally recognised to be of superior quality, and to give the very best results. The grain farmers of the Western Province need not be told of the excellent quality of this fertilizer, as it has now been in use in these districts for many years. We would like, however, to draw the attention of Lucerne growers to the importance of phosphatic manures for that plant. At the Robertson Experiment Station, the results from a heavy dressing of Superphosphates were found to give by far the greatest nett profit after the cost of the fertilizer had been deducted.

Per ton of 2,000 lbs £4. Special quotations for large quantities. Small quantities for gardens, 25 lbs 2/-; 100 lbs 6/-; 200 lbs 10/-

Analysis:—Phosphoric Oxide, Water soluble 16 per cent; Lime 23 per cent. These are the guaranteed figures, but the actual analysis often exceeds these figures by nearly 1 per cent. It should be noted that 16 per cent Phosphoric Oxide is equivalent to 35/37 per cent Tri-basic Phosphate of Lime, which is the basis on which this fertilizer was sold before the passing of the recent Act.

BASIC SLAG "Kudu" Brand. (17 PER CENT.)

This fertilizer is also largely used by Western Province grain farmers, and, as with Superphosphates, is suitable for Lucerne.

Per ton of 2,000 lbs £3 12s. 6d. Special quotations for large quantities. Small quantities for gardens, 25 lbs 2/-; 100 lbs 6/-; 200 lbs 8/6

Analysis:—Citrate soluble Phosphoric Oxide 14.20 per cent; Total Phosphoric Oxide 17 per cent; Lime 45 per cent; Fineness 80 per cent.

Five per cent. can be deducted if cash is sent with the order.

C. Starke & Co., Ltd., Mowbray, Cape

GOVERNMENT BIRD GUANO.

One of the best of nitrogenous manures; so well known that it needs no description from us.

Per ton of 2,000 lbs £5 15s. Small quantities for gardens, 25 lbs 2/6; 100 lbs 7/-; 200 lbs 12/-

MURIATE OF POTASH.

Per ton of 2,000 lbs £14. Small quantities for gardens, 25 lbs 5/-; 100 lbs 16/-; 200 lbs 30/-

Analysis:—51 per cent Potash.

SULPHATE OF POTASH.

Per ton of 2,000 lbs £15. Small quantities for gardens, 25 lbs 5/-; 100 lbs 17/6; 200 lbs 32/-

Analysis:—48 per cent Potash.

SULPHATE OF AMMONIA.

Per ton of 2,000 lbs £16. Small quantities for gardens, 25 lbs 5/-; 100 lbs 17/6; 200 lbs 33/-

Analysis:—19.8 per cent Nitrogen.

NITRATE OF SODA.

Per ton of 2,000 lbs £15. Small quantities for gardens, 25 lbs 5/-; 100 lbs 17/6; 200 lbs 32/-

Analysis:—15.5 per cent Nitrogen.

STARKE'S POULTRY FOODS.

A FEW APPRECIATIONS.

The "Chix" is good feed for young birds, who are fond of it. Bulawayo.

I feel sure that the excellent quality of your Mixture contributed in no small measure to my success, and I have pleasure in recommending same to fanciers whose endeavour is to reach the front rank in the Homing World. Cape Town.

F. WALKER.

I may state I am highly satisfied with the quality of the goods (Poultry Foods), I will shortly place a further order. Worcester, Cape.

My chickens are thriving amazingly well on it ("Chix"). You can almost see them grow. I have recommended it to several local fanciers. Standerton, Transvaal.

We are quite pleased with same (Poultry Foods) and thank you very much for so promptly executing our order. Vlottenberg, Cape.

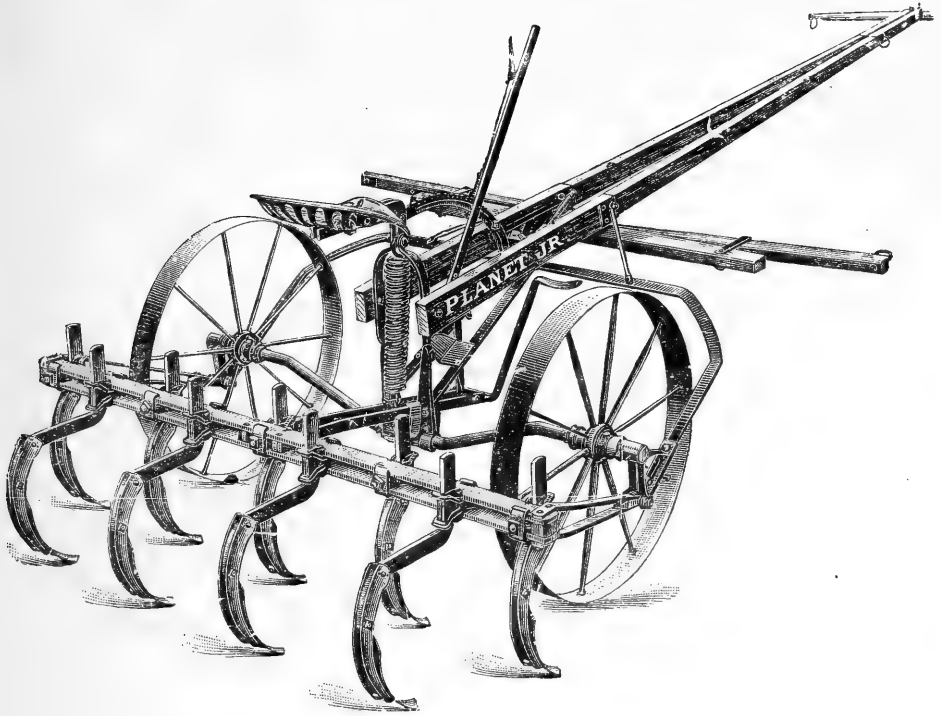
Many thanks for Fowl Food. My fowls seem to enjoy the nice "Morning Feed" Mixture and all doing well. Rondebosch, Cape.

The Forage . . . has arrived this morning. We are quite satisfied with the quality and shall be ordering a further truck in the course of a few days. Pretoria.

"KUDU" Fertilizers give the best results.

Agricultural Seedsmen.

IMPLEMENTS.



No. 1 Planet Jr. Orchard and Universal Cultivator

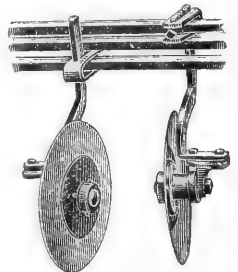
Cuts up to 5 ft. 3 ins., or with extensions up to 5 ft. 6 ins.

This tool is a great favourite and merits well the title of "Universal." Has 30-in. wheels, set within the frame, changing from 28 to 42 in. track. The Standards are adjustable up, down, sidewise and for pitch. The Single Lever, Spring and Roller make the tool efficient and simple. We furnish Sweeps, 8 to 18 inch cut, to fit. Can also be fitted with special Sheffield-made triangular points for Lucerne cultivation. The effect of these points is to **cut through** Lucerne roots, and not to drag the plants out of the soil, hence the maximum of benefit is secured by cultivating with them. (Weight 379 lbs.)

Prices: Fitted with ordinary points, £11 15s. Extensions with two extra points 30/- extra. If fitted with Lucerne points instead of ordinary points, £12.

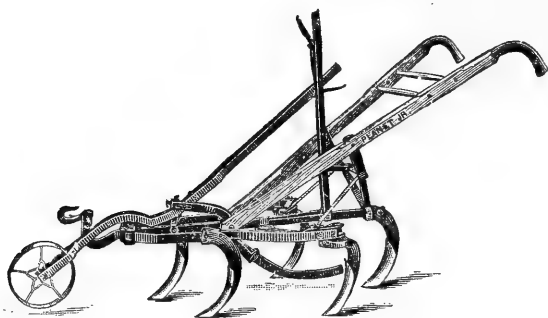
A set of 8 discs (see illustration) can also be supplied to fit this implement, whereby it can readily be converted into a Disc Cultivator or Harrow.

Price of Discs with Standards, per set: £4 10s.



Five per cent. for cash with order, otherwise nett.

C. Starke & Co., Ltd., Mowbray, Cape



No. 8 Planet Jr. Plain Cultivator

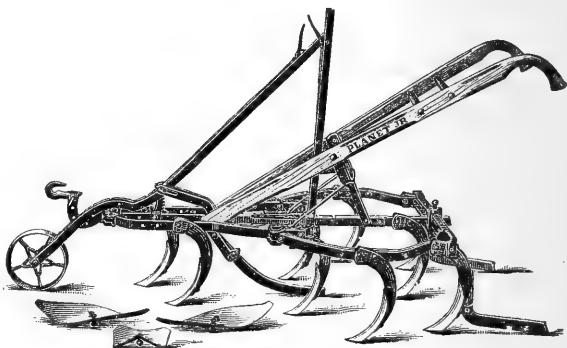
For Vineyards & General use.

Prices:		£	s.	d.	Packed Weights.
No. 8 (as in cut)	...	2	17	6	74 lbs
No. 9 (expanding lever only)	...	2	12	6	64 lbs
No. 4 (no levers)	...	2	7	6	57 lbs

Planet Jr. Nine-tooth Horse Hoe

This tool is made by attaching two extra side bars to our No. 8 Horse Hoe (each carrying two teeth and a depth regulator), and a middle bar extension and truss expander. The tool leaves no open furrows next to the row.

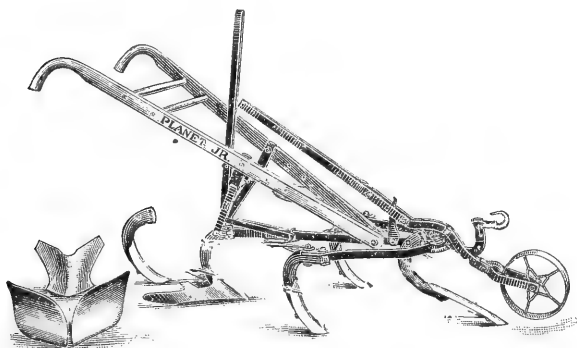
Complete attachment, fitting any of our horse hoes. Price 30/-



Price as fitted in cut, £4 7s. 6d. Weight (packed) 131 lbs.

No. 10 Planet Jr. Horse Hoe

This, the latest, is by far the best tool of its kind ever made, combining in itself the most valuable features of all our regular one-horse cultivators and horse hoes. It is lighter but as strong as our regular line of horse hoes.



But four teeth are used for ordinary work; three cultivator teeth followed by a wide sweep with fingers in the rear, a combination that works "like a charm" for level cultivation. For hilling, three extra teeth are provided; two ploughs and one 10 inch furrower, especially adapted to hilling crops not over 3½ feet apart.

As a Furrower it works admirably.

Price, fitted as in cut, £2 12s. 6d.

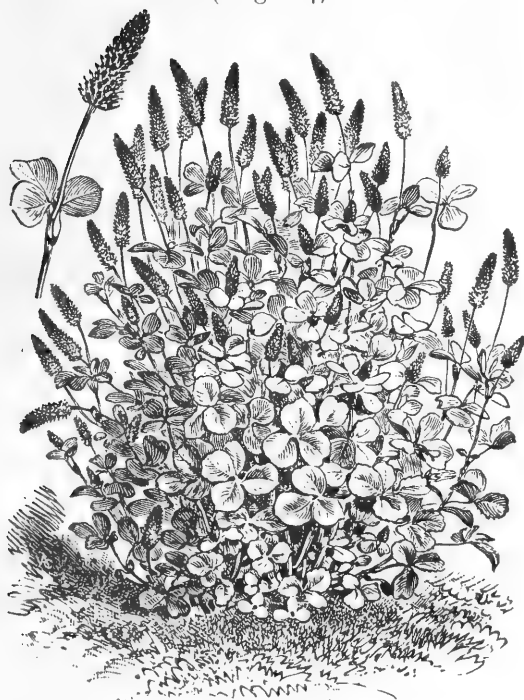
To avoid errors please use our Printed Order Form.



Sainfoin

Onobrychis sativa Lam.

(Page 14)



Crimson Clover

Trifolium incarnatum L.

(Page 12)



Provence (French) Lucerne

Medicago Sativa L.

(Page 10)



Soya Bean

Glycine hispida Maxim

(Page 16)



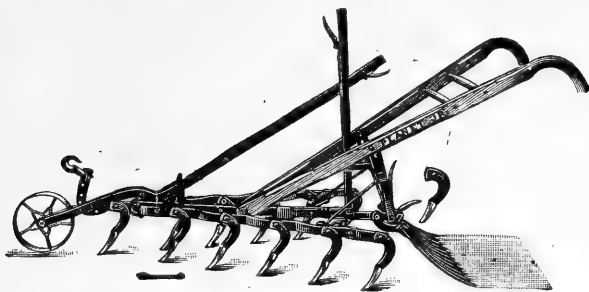
Spanish Sulla

Hedysarum coronarium L.

(Page 13)

Implements.

Planet Jr. Twelve-Tooth Harrow, Cultivator and Pulveriser.

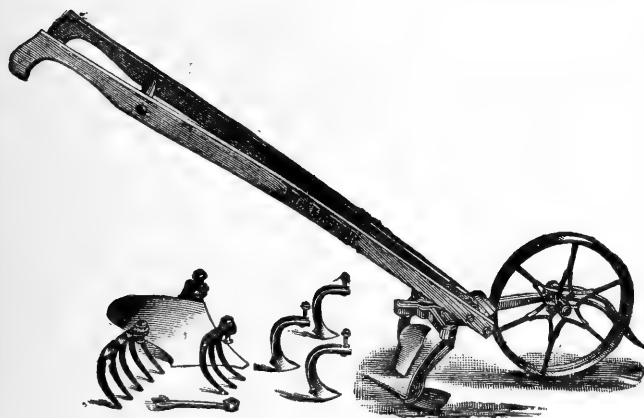


This tool has rapidly grown in favour with strawberry growers, market gardeners and farmers because the twelve chisel-shaped teeth do such thorough work, and because the tool is so convenient, durable and strong. The teeth and pulveriser leave the ground in the finest condition, and the operator can set the tool exactly to any depth desired, making delicate work not only possible but very easy.

Improved braces enable one to change the handles in height to suit boy or man, and also **sidewise**. It is a great advantage to be able to move the handles to one side when cultivating blackberries, raspberries, vines, hops, &c., saving the hands, the clothes and the crops. **The expander works with ease, yet holds the tool thoroughly rigid.**

Complete (with Pulverizer), £2 15/- Without Pulverizer, £2 5/-
Packed weight, complete, 73 lbs.

No. 16.—Planet Jr. Single Wheel Hoe, Cultivator, Rake and Plough



We offer these Single Wheel Hoes as the highest type of their class. They have a great variety of tools which adapt the implements to a large variety of work, and there is scarcely any garden culture of which they are not capable.

Nos. 16, 17, 17½ and 18 wheels and frames are alike, but the tools sold with each vary. Thus the No. 17 is not supplied with rakes, the No. 17½ has neither rakes nor plough; whilst the No. 18 has only two hoes and no other tools.

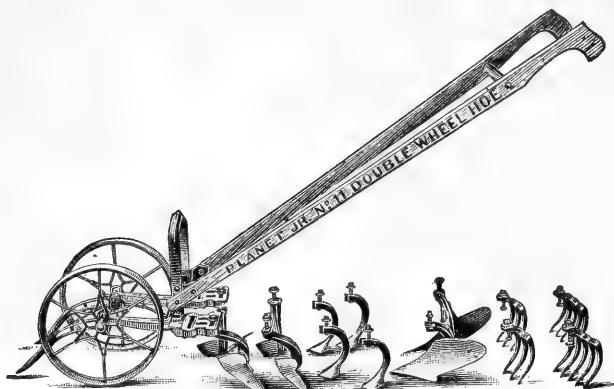
Prices :

No. 16	...	...	31/6	29 lbs
No. 17	...	...	27/6	26 lbs
No. 17½	...	...	22/6	22 lbs
No. 18	...	...	20/-	20 lbs

Packed Weight.

C. Starke & Co., Ltd., Mowbray, Cape

No. 11.—Planet Jr. Double Wheel Hoe

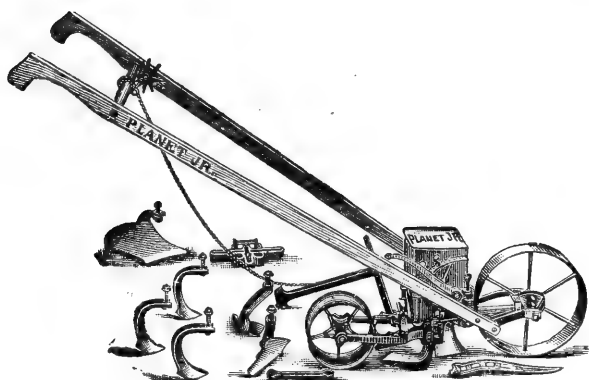


The Planet Jr. Double Wheel Hoes are the greatest cultivating tools in the world for the Onion and small Sugar Beet grower, and also for every grower of garden crops from drilled seed. They do more, and do it better and easier than can possibly be done in any other way, where rows are too close for horse work.

Nos. 11, 12 and 13 wheels and frames are alike, but the tools supplied with each vary. No. 11 has the attachments shown in the illustration. No. 12 has only one pair each of rakes and hoes, otherwise as illustrated. No. 13 has 1 pair hoes and no other tools.

Prices :	£	s.	d.	Packed Weight
No. 11 ...	2	10	0	37 lbs
No. 12 ...	1	17	6	32 lbs
No. 13 ...	1	5	0	28 lbs

No. 4.—Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plough



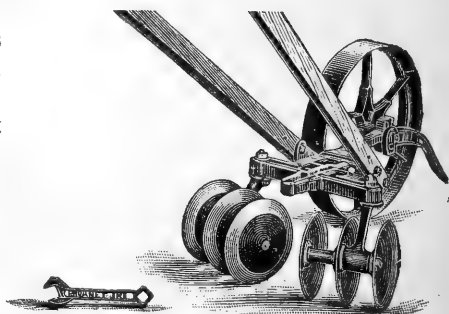
This tool combines in a single implement a Hill-dropping Seeder, dropping seed 4, 6, 8, 12, or 24 inches apart, a Continuous Row Seeder, a Single Wheel Hoe, a Furrower, a Wheel Cultivator, and Garden Plough. A most complete tool for all kinds of garden work, accomplishing as much work in one hour as would require half a day by older methods.

Price, as shown, £3 5s. Packed Weight, 47 lbs.

No. 18½.—Planet Jr. Single Wheel Disc Hoe

This simple and comprehensive tool is identical with No. 18 Single Wheel Hoe, except that two sets of three Discs each take the place of the pair of Hoes and it has a leaf lifter. The Discs are adjustable for depth and to throw to or from the row as desired.

Price, as in cut, £1 7s. 6d.
Packed weight, 23 lbs.

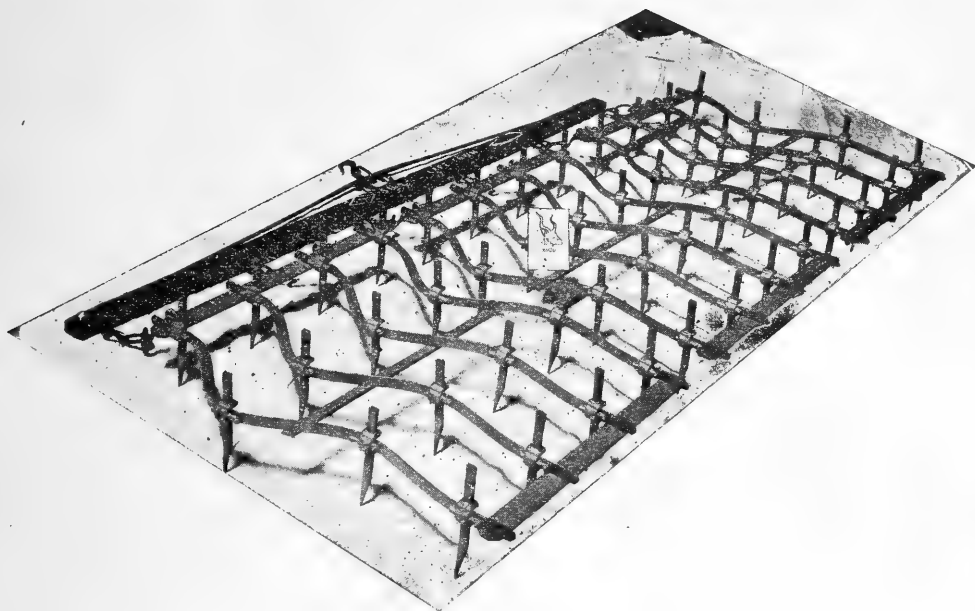


Implements.

The “KUDULAND” HARROW

No Nuts to get lost.

No Thread to strip.



This steel harrow is of new and improved construction. The teeth are plain square pins of which a supply can be kept at hand to replace any that may wear out.

The fixing of the teeth is simple in the extreme. A hammer only is required to drive up the wedges which effectively tighten the teeth.

Covers 9 feet Price £5



“ALPHA” HAND SPRAYER.

The “Alpha” Sprayer is filled with the liquid to be sprayed, and is then charged with air by means of a pump supplied. The compressed air will eject the spray as required by the operator until the whole of the contents has been discharged. In using this sprayer the full attention of the operator may be given to directing the spray, as no pumping takes place during actual spraying.

Price, with Air Pump complete,

£1 7s. 6d.

Try a “PLANET JR.” seeder to sow “KUDU” Seeds.

C. Starke & Co., Ltd., Mowbray, Cape

The "FOUR OAKS" Knapsack Sprayer No. 110.

Weight 14 lbs. Capacity, about $3\frac{1}{4}$ Gallons.

The SIMPLEST and yet the BEST KNAPSACK SPRAYER ever produced.
A Child can work it.

The only Machine with Force behind the Spray.



The Container is made entirely of Copper, and the Pump of Brass.

Unlike other Machines, there are absolutely no parts to get out of order, and consequently the "**Four Oaks**" Knapsack will last 10 times as long as any other.

There are no Rubber Valves in the "Four Oaks" to perish, and all working parts are outside and easy to get at.

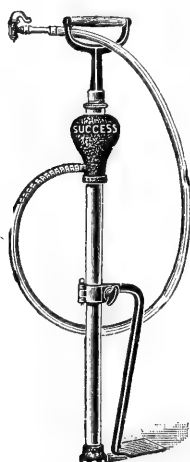
Either a very fine, medium, or coarse spray can be obtained, and thick fluids such as Bordeaux

Mixture are effectively discharged.

A most important feature of this Machine is **the agitating or mixing of the fluids.** With every stroke of the Pump, a powerful jet is forced from the bottom of the Container, so that all mixtures are **evenly distributed.**

Price, complete with Single "Four Oaks" Patent Spraying Nozzle, also Single Swivel Spraying Nozzle and Short Brass Tube, with Stopcock, together with 3 feet length of India rubber tube, as illustrated above.

£3 7s. 6d.



FOOT SPRAY PUMP.

This Sprayer is placed in a pail or bucket with the foothold on the outside, and operator's hands are thus left free for Pumping and Spraying. The foothold is adjustable to suit the depth of the pail. The Sprayer is all Brass, and the Airchamber and large Plunger contribute to a very steady stream from the nozzle. It is fitted with Gutta Percha Ball Valves, and is therefore not affected by the spray mixtures.

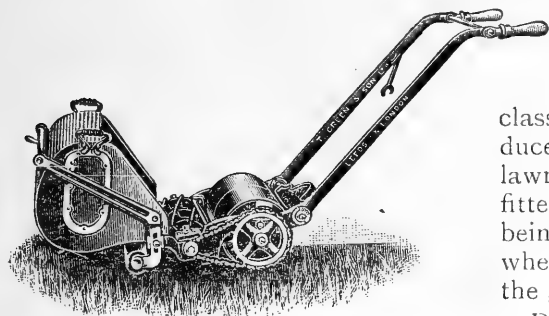
Price, £1

Five per cent. for cash with order, otherwise nett.

Lawn Mowers.

Green's Patent "SILENS MESSOR" Lawn Mowers.

The Highest Grade Roller Machine made.



The "SILENS MESSOR" is a very light running Machine, and practically noiseless; for high class work it has no equal; it produces a fine, even surface on the lawn. A loose cylinder-cover is fitted on, which permits the grass being delivered behind the Machine when it is wanted to work without the grass box.

Roller Machines have a distinct advantage over Side-Wheel Machines, inasmuch as they will cut close up to the extreme edge of a lawn; they are also more suitable for general purposes.

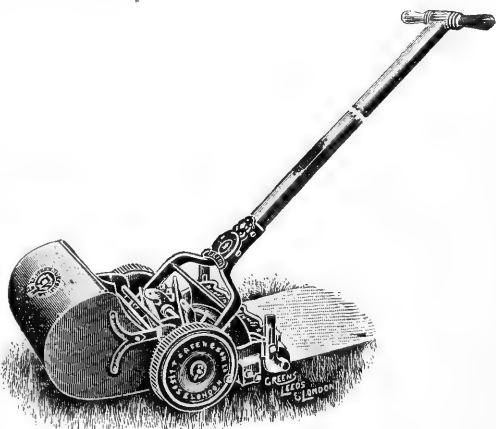
To cut 8 in.	£3	15	0	Can be worked by lady.
" 10 in.	5	5	0	" " strong youth.
" 12 in.	6	10	0	" " man.

We stock a range of Spare Parts for these Machines.

Green's Patent "NEW CENTURY" Lawn Mower.

Light Draught.

This Machine, which is fitted with **5 cutters**, is well adapted for mowing small lawns, tennis courts, slopes and banks. Since its introduction it has made rapid strides, the demand has far exceeded expectation, which all speaks for the excellent working of the Machine. For a cheap light Machine, we have every confidence in recommending it; but of course it is quite understood that no side-wheel Mower can take the place of the Roller Machine, the "Silens Messor." The height of the handle of this Mower can be regulated by releasing the screws on bottom of wood handle; when adjusted tighten up screws.



This Mower is fitted with adjustable Brass Brushes and has Grass Box in front.

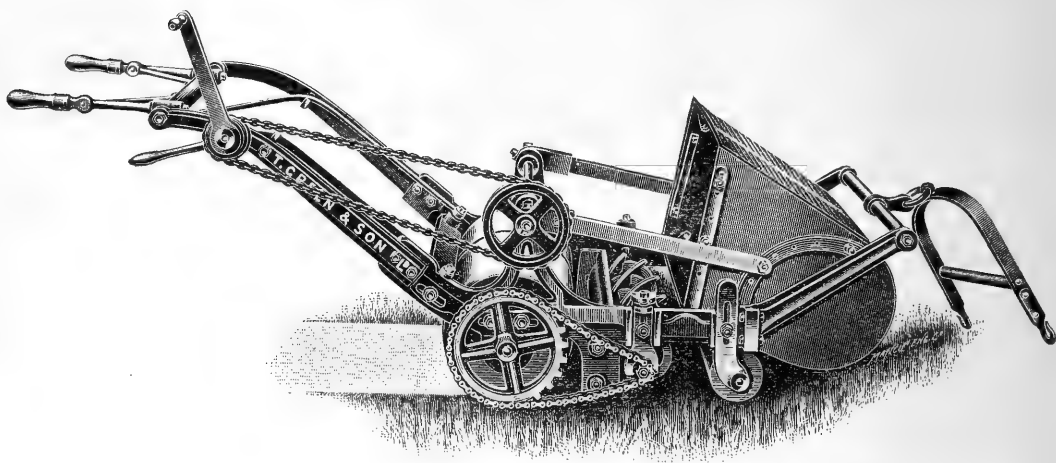
		Sizes: 9 in.	11 in.	13 in.
Prices	...	...	50/-	55/- 60/-

"KUDU" BONE MANURE is the best BONE MANURE.

C. Starke & Co., Ltd., Mowbray, Cape

Green's PONY AND HORSE MACHINES.

"Silens Messor" Pattern.



This Machine is Self-sharpening, and can be fitted with Shafts, Driver's Seat, and Foot Rest if desired.

Prices of Pony and Horse Machines, including Patent Self-delivery Box and Whippetree, with Cross Stay, suitable for attaching to ordinary chaise traces or gig harness.

30 in. Pony Machines, £30 36 in. Horse Machines, £36

If fitted with Shafts, Driver's Seat & Foot Rest in place of Whippetree £4 extra.

We stock Spare Knives and Driving Chains for these Machines.

NOTE:—We do not carry the Horse and Pony Machines in stock, but order specially from the makers for each enquiry.

"The Keerom" Hand Seeder.

We supply a small Hand Seeder for sowing in rows. It is an ingenious arrangement and will sow a great variety of seeds, being of considerable assistance to those who do not use a **"Planet Jr."** or other drill. Price 1/8 post free in the Union of South Africa. Rhodesia, postage extra. Weight 3 ozs.

The "OLIVER" No. 58 Hillside or Reversible Plough with Iron Beam.

The No. 58 is a plough just introduced into the Western Province. It was made specially for South Africa, and has a very solid iron beam. For use in hard ground we can recommend this Plough for strength, and lightness of draft.

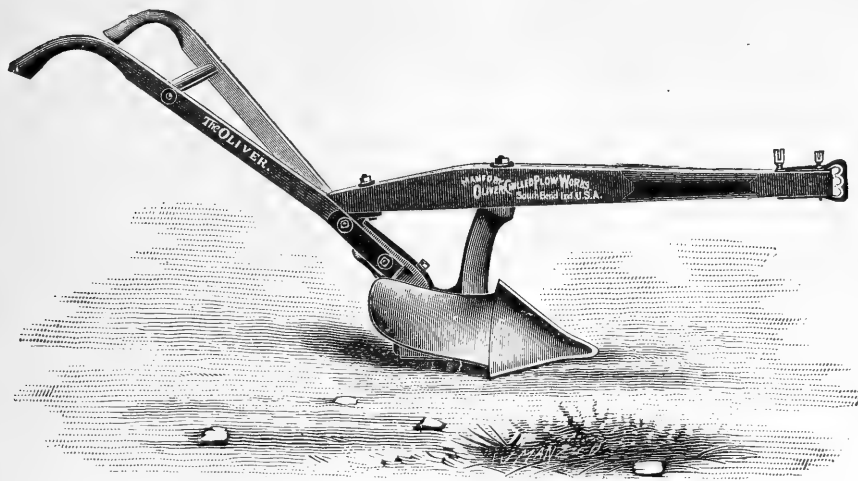
Capacity, 6 x 12. Fitted with Chilled Mouldboard. Price, £3 10s.



The "Planet Jr." Tools save their cost in labour.

Implements.

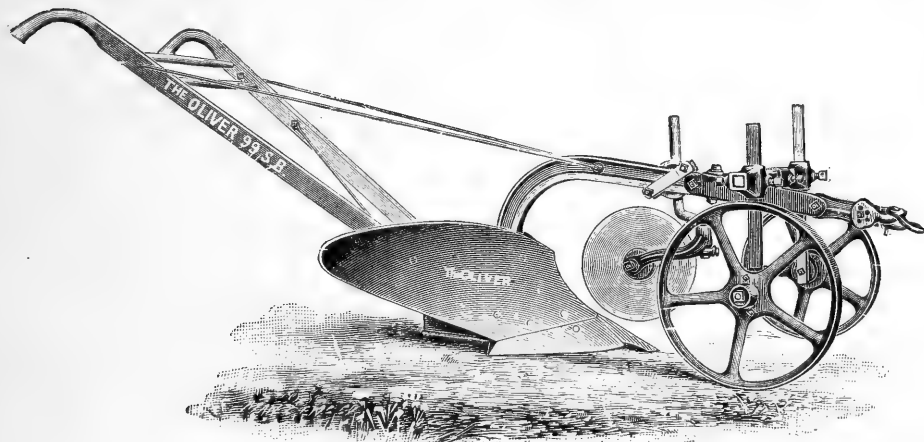
The "OLIVER" No. 51 Reversible Plough



This is a light One-horse Plough, excellently adapted for garden work. Supplied with wheel and extra share.

Price: £2. Capacity, 4 x 8 Weight: 64 lbs.

OLIVER COMBINATION PLOUGH



THE FAVOURITE 0.98 (FORMERLY THE No. 98) STEEL BEAM OLIVER PLOUGH.

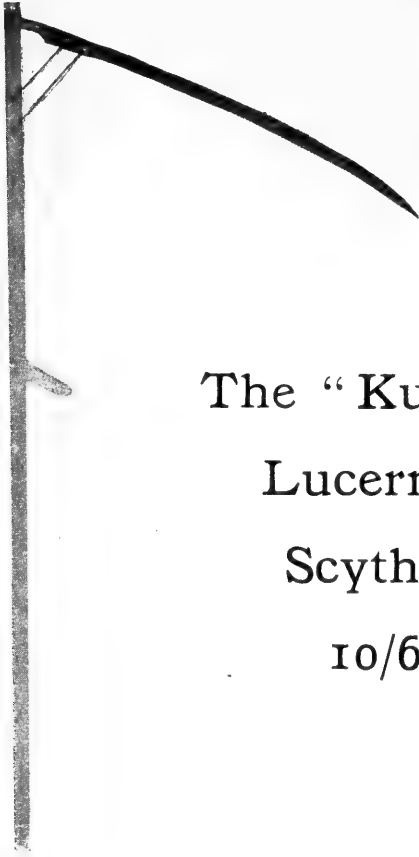
The O.98 is one of the most popular of the celebrated Oliver Ploughs, its great strength being a very desirable feature where it is subject to heavy strains and rough usage. The new bracings to the mouldboard and handles are much appreciated.

The reversible wings and slip points with which these ploughs are fitted, are very important items, as they are self-sharpening, and therefore always in condition for first-class work.

Turns a furrow 7 x 13		An extra share and wrench with each plough.	
Price	{	With Single Wheel ...	£3 5 0
		„ Double Wheels ...	£4 2 6
Skim Coulter, 6s. extra		Rolling Coulter (as illustrated), 20s. extra	

To avoid errors please use our Printed Order Form.

C. Starke & Co., Ltd., Mowbray, Cape

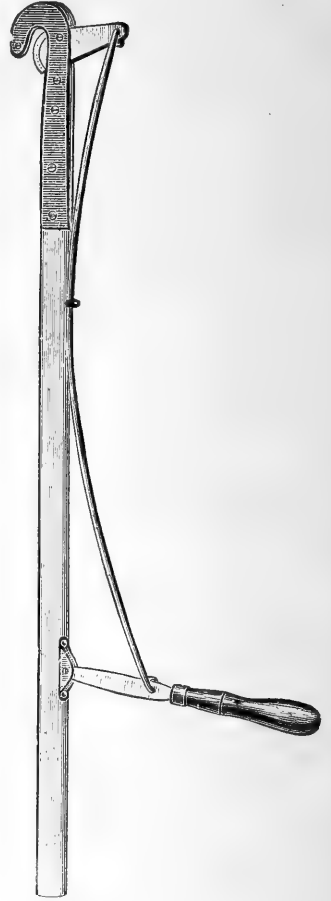
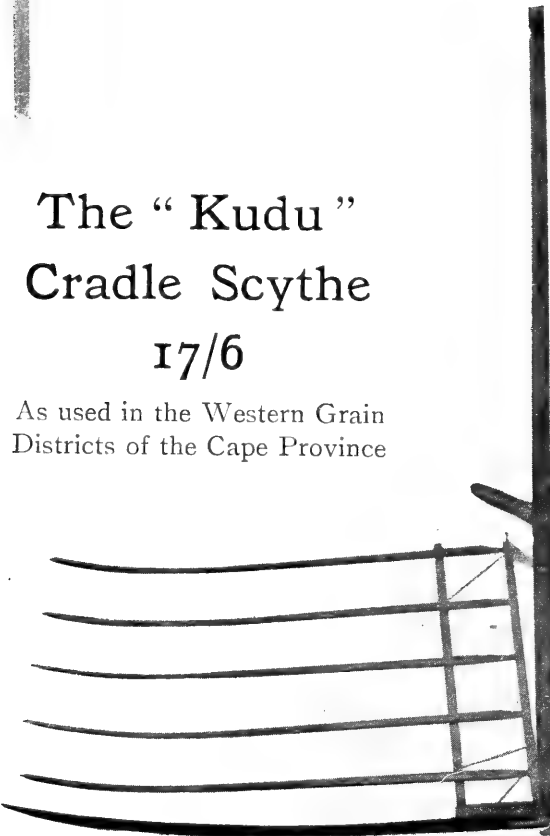


The "Kudu"
Lucerne
Scythe
10/6

The "Kudu"
Cradle Scythe

17/6

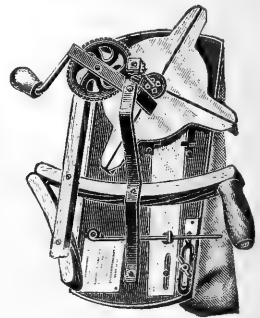
As used in the Western Grain
Districts of the Cape Province



TREE PRUNER

Sizes	4ft.	5ft.
Prices	5/-	5/6
Weights	2 $\frac{1}{4}$ lbs.	2 $\frac{1}{2}$ lbs.

Spare blades obtainable



Little Giant Broadcast Sower

For sowing Lucerne, Rape,
and similar Seeds.

7/6 each

Agricultural Seedsmen.

Railway Rates.

The following table of approximate rates will be found very useful in estimating the cost of goods landed at *your* station. These rates have been very carefully compiled, but we cannot be held responsible in any way for the accuracy of the information, which can, however, be verified by application at your nearest railway station.

ON THE SOUTH AFRICAN RAILWAYS ONLY.

Per Goods Train.

Farm Seeds for sowing (Imported)	per 100 lbs
Fertilizers ...	per 100 lbs
South African Grain ...	per 100 lbs
Starke's S.A.P. Poultry Foods (in packages of not less than 100 lbs.)	per 100 lbs

NOTE.—Goods traffic is subject to a minimum charge of 6d. per consignment and is calculated on a minimum weight of 25 lbs.

Per Passenger Train.

PARCELS not exceeding 5 lbs	...
" " " 10 lbs	...
" " " 25 lbs	...

Distance in Miles.

100	200	300	500	800	1000
d.	d.	s. d.	s. d.	s. d.	s. d.
4	7	1 1	2 1	2 6	2 6
4	5	6½	8½	8½	8½
3¾	5¼	7½	11½	1 3½	1 6
3¾	5¼	7½	11½	1 3½	1 6

These are MAIN LINE Rates; certain classes of Traffic are charged at higher rates over BRANCH LINES.

Distance in Miles.

100	200	300	500	800	1000
s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
9	1 0	1 3	1 9	2 6	2 9
1 0	1 6	1 9	2 9	4 0	4 6
1 6	2 9	4 0	6 3	8 9	9 9



We cater for the needs
of the

Homing Fancy

Write for Price Lists
of

MAPLE PEAS

and other

PIGEON FOODS.

To avoid errors please use our Printed Order Form.

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The logo features a detailed illustration of a kudu's head in profile, facing right. The head is covered in a dense, textured pattern of dots and lines, representing fur and the spiral ridges on its long, curved horns. Below the head, the word "KUDU" is written in a bold, serif font. Underneath "KUDU" is a banner with the words "PURITY", "VITALITY", and "QUALITY" in a stylized, outlined font. At the very bottom, the words "MADE IN" are printed on the left and right sides, with a small circular emblem in the center.

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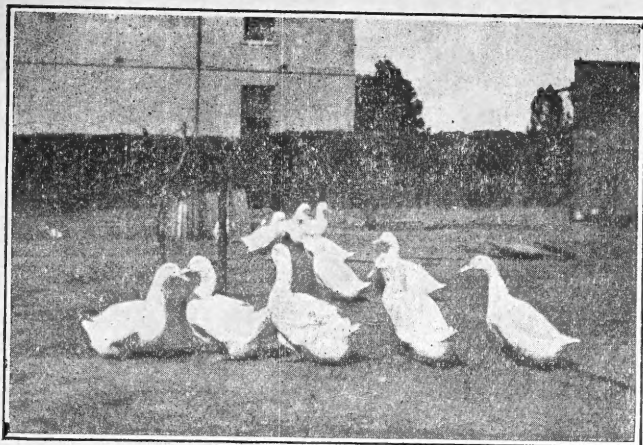
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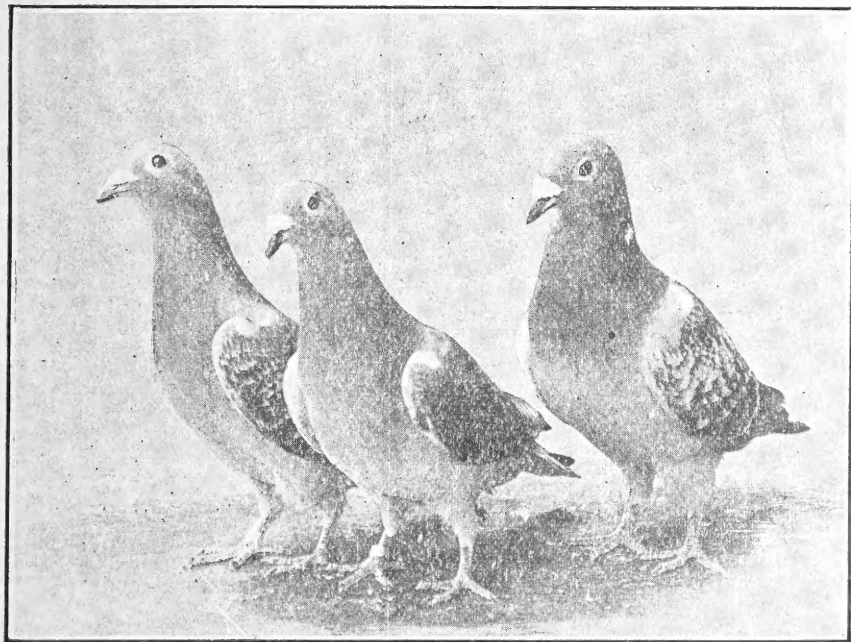
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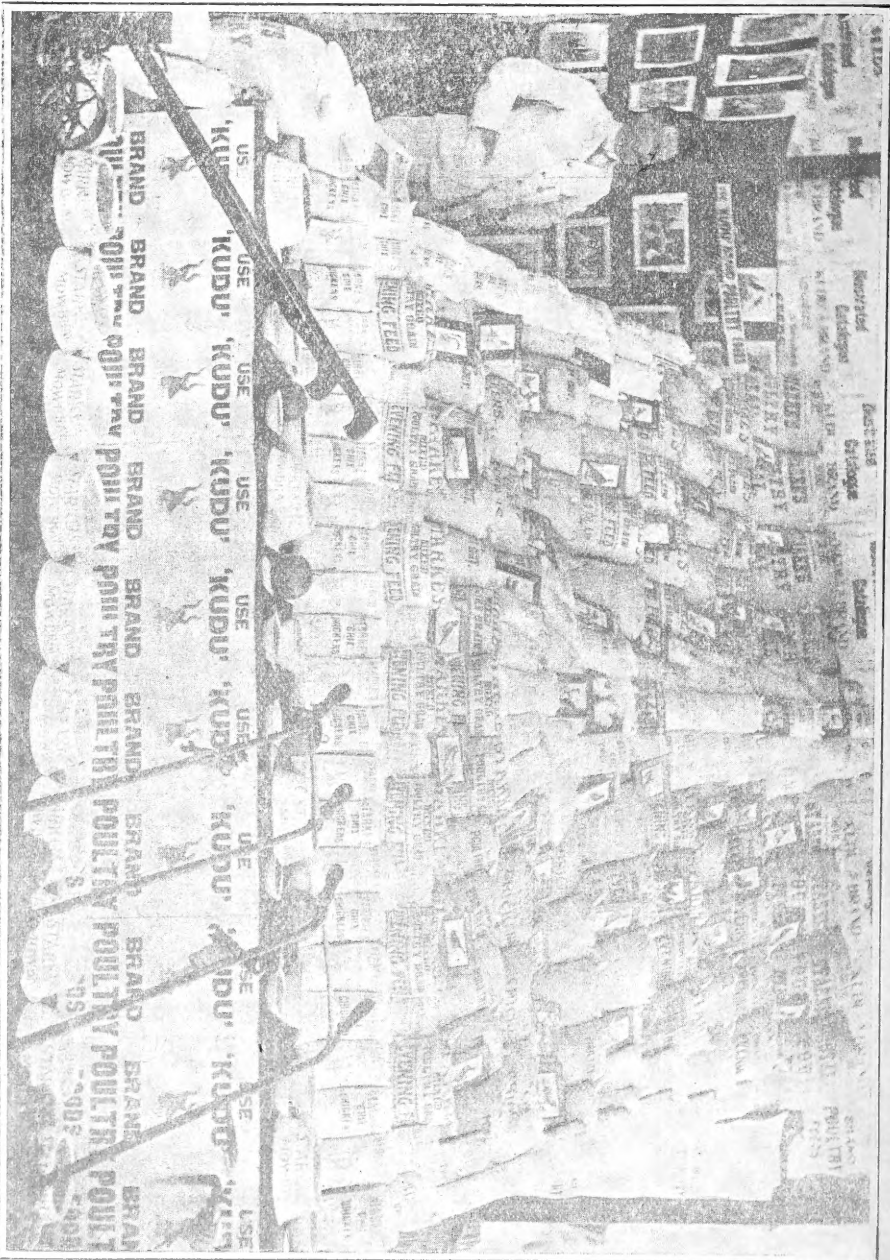


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